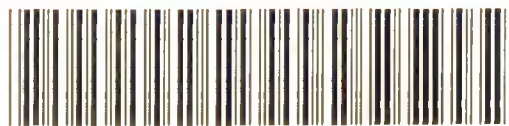


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TO
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Quarterly Price-Current.

SURGEONS' INSTRUMENTS, Etc.

LONDON, 1882.

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BOOK OF ILLUSTRATIONS

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SURGEONS' INSTRUMENTS, ETC.



London :

S. MAW, SON & THOMPSON, 7 TO 12, ALDERSGATE STREET, E.C.

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LONDON, 1882.

CONTENTS.

SURGEONS' INSTRUMENTS, ETC.

	PAGE
<i>SECTION I.</i> — INSTRUMENTS FOR CAPITAL OPERATIONS, AMPUTATIONS, ANEURISM, ETC.	I
<i>SECTION II.</i> — CUPPING APPARATUS, MINOR OPERATION, HERNIA, RESECTION, NECROSIS, AND VACCINATION INSTRUMENTS	39
<i>SECTION III.</i> — POCKET DRESSING INSTRUMENTS	53
<i>SECTION IV.</i> — EYE INSTRUMENTS	71
<i>SECTION V.</i> — EAR AND NOSE INSTRUMENTS... ..	89
<i>SECTION VI.</i> — MOUTH AND THROAT INSTRUMENTS	105
<i>SECTION VII.</i> — TOOTH INSTRUMENTS	135
<i>SECTION VIII.</i> — INSTRUMENTS FOR LITHOTOMY, LITHOTRITY, LITHOLOPAXY, THE BLADDER, AND URETHRA	159
<i>SECTION IX.</i> — RECTUM INSTRUMENTS	199

	PAGE
<i>SECTION X.</i> — INSTRUMENTS FOR OBSTETRIC AND UTERINE OPERATIONS ...	209
<i>SECTION XI.</i> — DISLOCATION, FRACTURE, AND DEFORMITY APPARATUS ...	263
<i>SECTION XII.</i> — BANDAGES, ELASTIC STOCKINGS, INDIA-RUBBER CUSHIONS, ICE BAGS, MATTRESSES, PILLOWS AND SHEETS, TRUSSES, URINALS, ETC.	295
<i>SECTION XIII.</i> — ASPIRATORS, TROCARS, AND SYRINGES FOR SUBCUTANEOUS INJECTIONS, ETC.	313
<i>SECTION XIV.</i> — ENEMA APPARATUS, INJECTION SYRINGES, STOMACH PUMPS, SYPHON DOUCHES, ETC.	325
<i>SECTION XV.</i> — APPARATUS FOR GALVANIC AND ELECTRO-MAGNETIC OPERATIONS	343
<i>SECTION XVI.</i> — INSTRUMENTS FOR GENERAL DIAGNOSIS AND RESEARCH ...	357
<i>SECTION XVII.</i> — ANATOMICAL, DISSECTION, AND POST-MORTEM INSTRUMENTS, HUMAN SKELETON AND BONES	375
<i>SECTION XVIII.</i> — MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC.	385
<i>SECTION XIX.</i> — VETERINARY SURGEONS' INSTRUMENTS	409

SECTION I.



INSTRUMENTS FOR CAPITAL OPERATIONS,
AMPUTATIONS, ANEURISM, ETC.

CONTENTS OF SECTION I.

AMPUTATION CASES.

AMPUTATION KNIVES.

ARMAMENTARIUM.

ARMY CASES.

ARMY PANNIERS.

ARTERY FORCEPS.

BULLET EXTRACTORS, ETC.

BULLET SCOOP.

EMIGRATION CASE.

FIELD CASE.

GUNSHOT PROBES.

INSTRUMENT CABINET FOR HOSPITALS.

LIGATURE SILK AND WIRE.

NAVY CASES.

NEEDLE HOLDERS.

NEEDLES.

OPERATION CASES.

PENINSULAR AND ORIENTAL SERVICE CASE.

ROYAL MAIL SERVICE CASE.

TOURNIQUETS.

BOOK OF ILLUSTRATIONS

TO

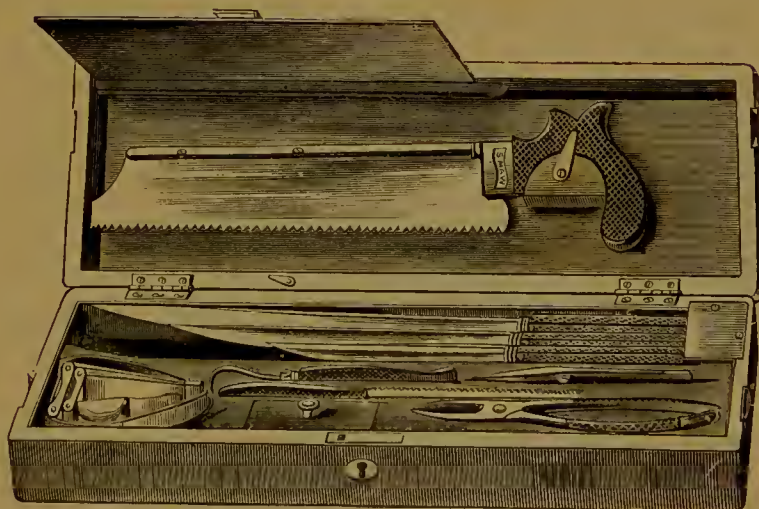
PART I.,

S. MAW, SON & THOMPSON'S
QUARTERLY PRICE-CURRENT.

SURGEONS' INSTRUMENTS, ETC.

SECTION I.

Fig. 1



AMPUTATION CASE.

CATLIN.
FORCEPS, ARTERY.
FORCEPS, BONE.
KNIVES (Two).
NEEDLES.

SAW.
SAW, FINGER.
SILK.
TENACULUM.
TOURNIQUET.

FIG. 2.—FIELD OPERATION CASE, CONTAINS :—

CATHETER, ELASTIC.	SAW.
CATHETER, PLATED.	SAW, FINGER.
CATLIN.	SAW, SKULL.
ELEVATOR, SKULL.	SCALPELS (Three).
FORCEPS, ARTERY.	TENACULUM.
FORCEPS, BONE.	TOURNIQUET.
FORCEPS, BULLET.	TOURNIQUETS, FIELD (Three).
FORCEPS, SKULL.	TREPHINE.
KNIVES (Two).	TREPHINE BRUSH.
NEEDLES AND SILK.	

FIG. 3.—OPERATION CASE, CONTAINS :—

CATHETER, ELASTIC.	NEEDLES AND SILK.
CATHETER, PLATED.	SAW.
CATLIN.	SAW, FINGER.
ELEVATOR, SKULL.	SAW, SKULL.
FORCEPS, ARTERY.	SCALPELS (Three).
FORCEPS, BONE.	TENACULUM.
FORCEPS, BULLET.	TOOTH KEY.
FORCEPS, TEETH (Three).	TOURNIQUET.
KNIVES (Two).	TREPHINE AND BRUSH.

THE FOLLOWING ARE ALSO NECESSARY :—

Canula, Tracheotomy.	Forceps, Craniotomy.
Catheter, Female.	Forceps, Midwifery.
Catheters, in Case, Elastic (Four).	Lancets (Four in Case).
Catheters, in Case, Silver (Four).	Perforator.
Crotchet and Blunt Hook.	Pocket Dressing Instruments (Fig. 1, Section III).
Cupping Instruments (Fig. 1, Section II).	Tooth Instruments (Fig. 2, Section VII).

AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 2



FIELD OPERATION CASE.

Fig. 3



OPERATION CASE, in accordance with the Regulations of the Emigration Commissioners.

FIG. 4.—OPERATION CASE, CONTAINS :—

BISTOURIES, STRAIGHT (Two).

CATLIN.

FORCEPS, ARTERY (Two).

FORCEPS, BONE.

FORCEPS, BULLET.

FORCEPS, DRESSING.

KNIVES (Four).

NEEDLE, ANEURISM.

NEEDLES AND SILK.

SAW.

SAW, METACARPAL.

SCALPELS (Two).

TENACULUM.

TOURNIQUETS (Two).

TOURNIQUETS, FIELD (Three).

FIG. 4A.—AMPUTATION CASE, CONTAINS :—

CATLIN.

FORCEPS, ARTERY.

FORCEPS, BONE, FERGUSSON'S.

KNIVES (Two).

NEEDLES.

SAW.

SAW, FINGER.

SILK.

TENACULUM.

TOURNIQUET.

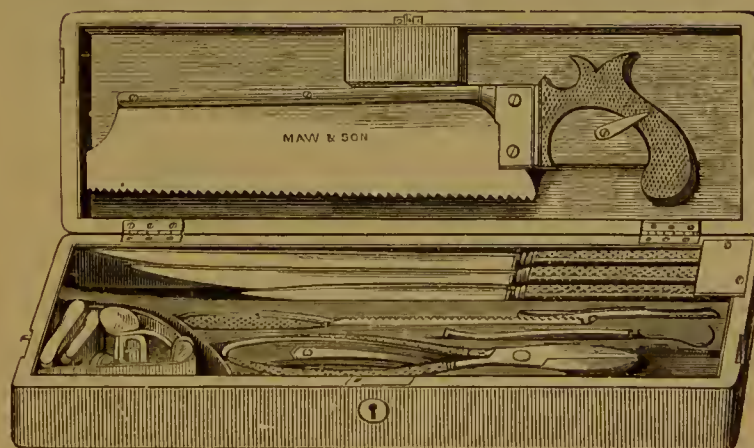
AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 4



OPERATION CASE.

Fig. 4A



G. P. MICHOLLS

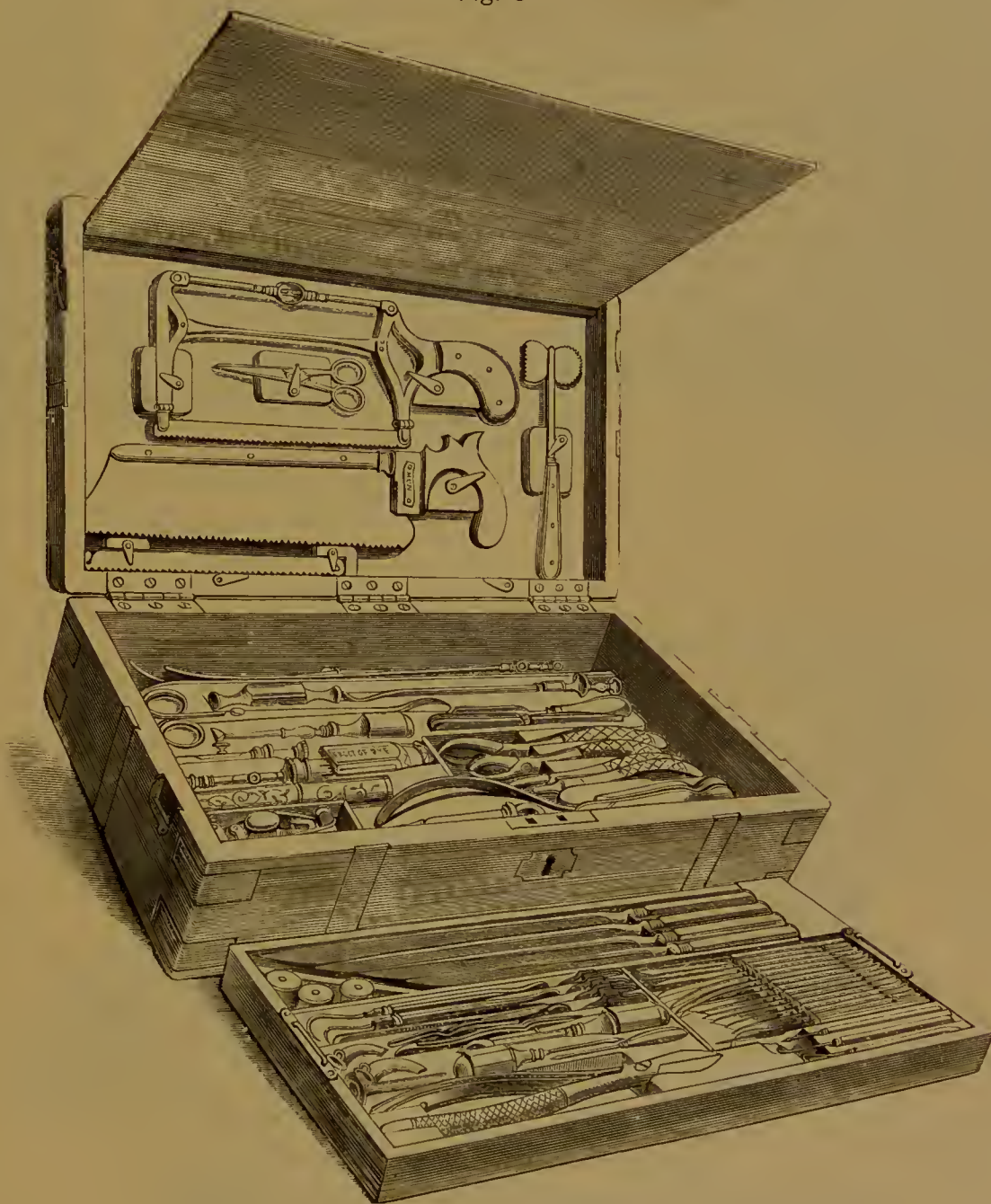
AMPUTATION CASE.

FIG. 5.—OPERATION CASE, CONTAINS :—

BISTOURIES, CURVED (Two).	KNIVES (Four).
BISTOURIES, STRAIGHT (Two).	NEEDLE, ANEURISM.
CANULAS, TRACHEOTOMY (Two).	NEEDLE, CATARACT.
CATHETER, FEMALE.	NEEDLE, LISTON'S.
CATHETERS, ELASTIC (Four).	NEEDLES, SUTURE.
CATHETERS, SILVER (Three).	PLASTER.
CUTTING PLIERS.	PROBANG.
DIRECTOR, CANALICULUS.	PROBE, ANEL'S.
DIRECTOR, DRESSING.	PROBE, DRESSING.
DIRECTOR, HERNIA.	PROBE, GUN-SHOT.
ELEVATOR, SKULL.	PROBES, BOWMAN'S.
EXTRACTOR, BULLET.	RASPATORY.
FORCEPS, ARTERY, "BULL DOG" (Four).	SAW.
FORCEPS, ARTERY, LISTON'S.	SAW, DR. BUTCHER'S.
FORCEPS, ARTERY, SYME'S.	SAW, SKULL.
FORCEPS, BONE.	SCALPEL, CARTILAGE.
FORCEPS, BULLET.	SCALPELS (Six).
FORCEPS, DRESSING.	SCISSORS.
FORCEPS, GOUGE.	SILK AND WIRE.
FORCEPS, LION.	STYLES, LACHRYMAL (Two).
FORCEPS, MIDWIFERY.	SYRINGE, HYDROCELE.
FORCEPS, NECROSIS.	TENACULUM.
FOREIGN BODY SCOOP.	THREAD AND WAX.
GLASS BOTTLE FOR OIL.	TOURNIQUET.
GOUGE.	TOURNIQUETS, FIELD (Three).
KNIFE, HERNIA.	TREPHINES (Two).
KNIFE, TENOTOMY.	TROCARS (Three).

AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 5



OPERATION CASE, in accordance with the Army Regulations.

FIG. 6.—OPERATION CASE, CONTAINS :—

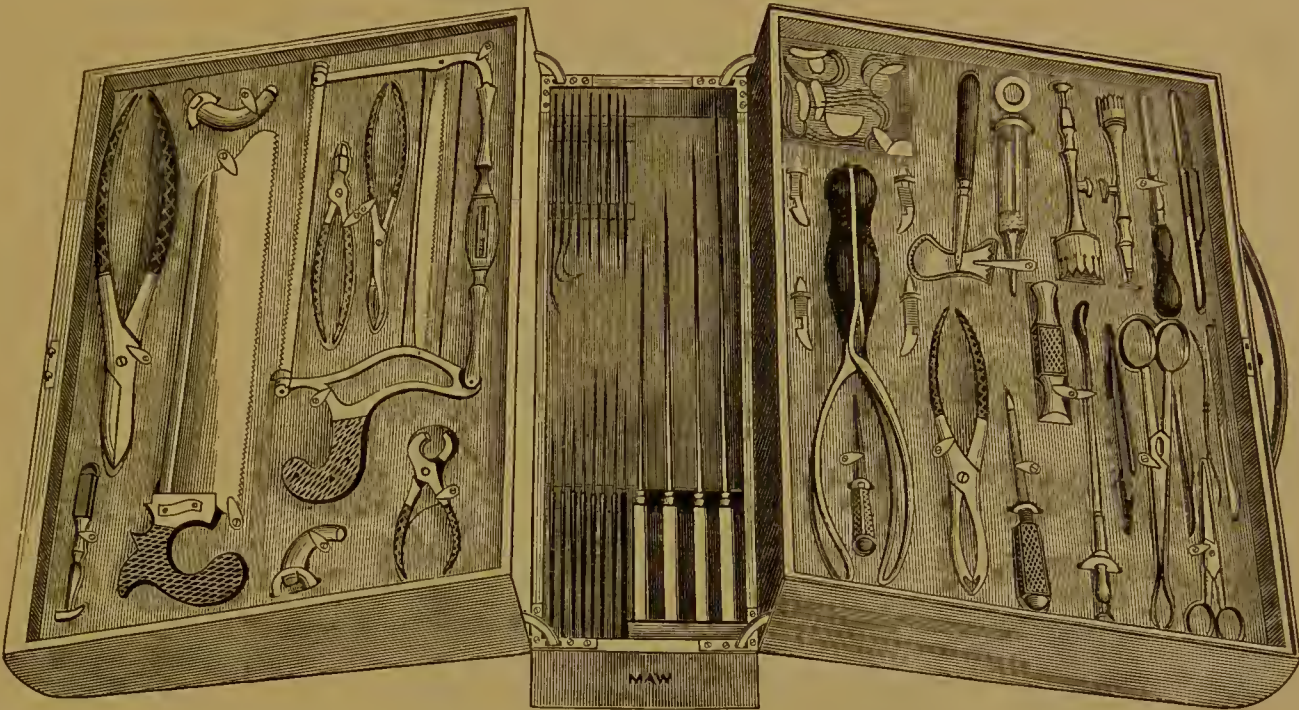
BISTOURIES, CURVED (Two).	KNIVES (Four).
BISTOURIES, STRAIGHT (Two).	NEEDLE, ANEURISM.
CANULAS, TRACHEOTOMY (Two).	NEEDLE, CATARACT.
CATHETER, FEMALE.	NEEDLE, LISTON'S.
CATHETERS, ELASTIC (Four).	NEEDLES, SUTURE.
CATHETERS, SILVER (Three).	PLASTER.
CUTTING PLIERS.	PROBANG.
DIRECTOR, CANALICULUS.	PROBE, ANEL'S.
DIRECTOR, DRESSING.	PROBE, DRESSING.
DIRECTOR, HERNIA.	PROBE, GUN-SHOT.
ELEVATOR, SKULL.	PROBES, BOWMAN'S.
EXTRACTOR, BULLET.	RASPATORY.
FORCEPS, ARTERY, "BULL DOG" (Four).	SAW.
FORCEPS, ARTERY, LISTON'S.	SAW, DR. BUTCHER'S.
FORCEPS, ARTERY, SYME'S.	SAW, SKULL.
FORCEPS, BONE.	SCALPEL, CARTILAGE.
FORCEPS, BULLET.	SCALPELS (Six).
FORCEPS, DRESSING.	SCISSORS.
FORCEPS, GOUGE.	SILK AND WIRE.
FORCEPS, LION.	STYLES, LACHRYMAL (Two).
FORCEPS, MIDWIFERY.	SYRINGE, HYDROCELE.
FORCEPS, NECROSIS.	TENACULUM.
FOREIGN BODY SCOOP.	THREAD AND WAX.
GLASS BOTTLE FOR OIL.	TOURNIQUET.
GOUGE.	TOURNIQUETS, FIELD (Three).
KNIFE, HERNIA.	TREPHINES (Two).
KNIFE, TENOTOMY.	TROCARS (Three).

FIG. 7.—OPERATION CASE, CONTAINS :—

BISTOURY, CURVED.	NEEDLES, SUTURE.
BISTOURY, STRAIGHT.	PROBANG.
CANULA, TRACHEOTOMY.	PROBE, GUN-SHOT.
CATHETERS, ELASTIC (Three).	SAW.
CATHETERS, PLATED (Two).	SAW, SHIFTING BACK.
DIRECTOR, HERNIA.	SCALPEL, CARTILAGE.
FORCEPS, ARTERY.	SCALPELS (Three).
FORCEPS, BONE.	SILK.
FORCEPS, "BULL DOG" (Two).	TENACULUM.
FORCEPS, BULLET.	THREAD.
FORCEPS, DRESSING.	TOURNIQUET.
KNIVES (Three).	TREPHINE.
NEEDLE, ANEURISM.	TROCAR, BLADDER.
NEEDLE, LISTON'S.	TROCAR, HYDROCELE.

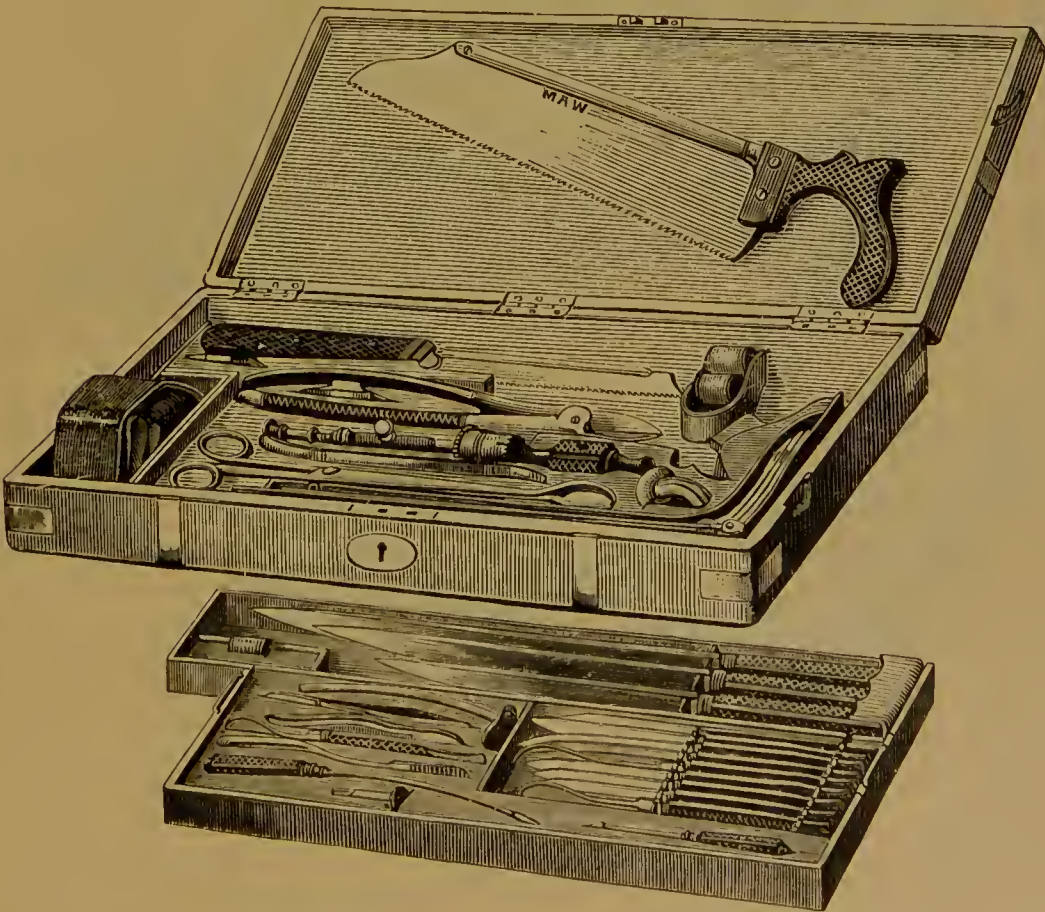
AMPUTATION AND OPERATION INSTRUMENTS, ETC. (Continued).

Fig. 6



OPERATION CASE, in accordance with the Army Regulations.

Fig. 7



OPERATION CASE, in accordance with the Army Regulations.

FIG. 8.—OPERATION CASE, CONTAINS :—

BISTOURIES, CURVED (Two).

BISTOURY, FISTULA.

CATHETER, FEMALE.

CATHETERS, ELASTIC-GUM (Two).

CATHETERS, SILVER (Two).

CATLIN.

ELEVATOR, TOOTH.

ELEVATORS, SKULL (Two).

FORCEPS, ARTERY (Three).

FORCEPS, BONE.

FORCEPS, BULLET.

FORCEPS, SKULL.

FORCEPS, TOOTH (Two).

KNIVES, DOUBLE-EDGED (Four).

LANCET, GUM.

LENTICULAR.

NEEDLE, ANEURISM.

NEEDLES, SETON (Two).

NEEDLES, SUTURE.

PROBE, GUN-SHOT.

PUNCH, TOOTH.

SAW.

SAW, FINGER.

SAW, METACARPAL.

SAW, SKULL.

SCALPEL, CARTILAGE.

SCALPELS (Five).

SCOOP, BULLET.

SILK.

TOOTH KEY.

TOURNIQUET FITTINGS (Four Sets).

TOURNIQUETS (Two).

TOURNIQUETS, FIELD (Two).

TREPHINE BRUSH.

TREPHINES (Two).

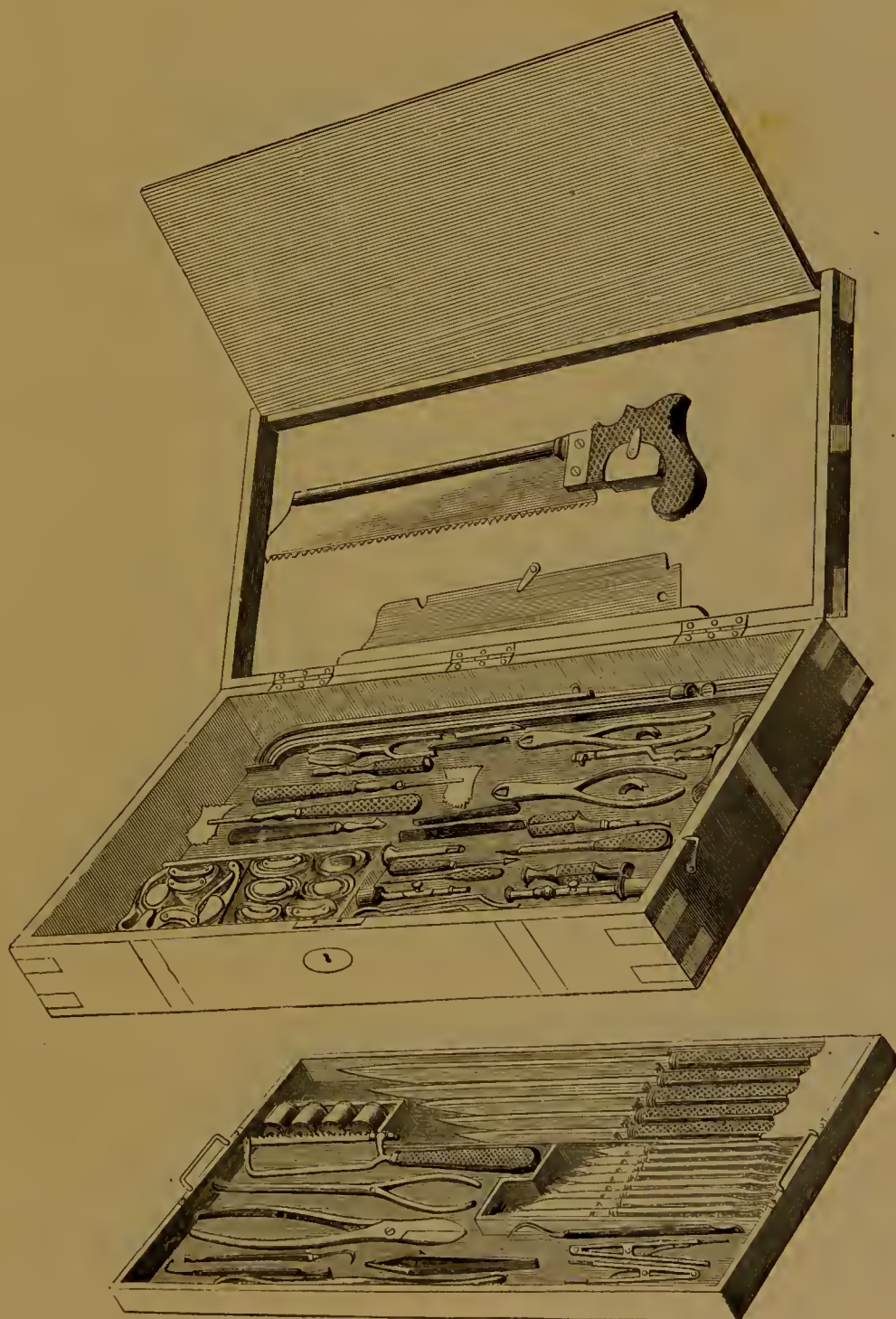
TROCAR, ABDOMEN, WITH EXTRA CANULA.

TROCAR, EXPLORING.

TROCAR, HYDROCELE.

AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 8



OPERATION CASE.

FIG. 9.—OPERATION CASE, CONTAINS:—

BISTOURIES, CURVED (Two).
 CANULAS, TRACHEOTOMY (Two).
 CATHETERS, ELASTIC-GUM (Two).
 CATHETERS, SILVER (Two).
 CATLINS (Two).
 ELEVATOR, SKULL.
 FORCEPS, ARTERY.
 FORCEPS, BONE.
 FORCEPS, BULLET.
 FORCEPS, SKULL.
 FORCEPS, TOOTH (Two).
 KNIVES (Three).
 LANCET, GUM.
 LENTICULARS (Two).
 NEEDLES, SETON (Two).
 NEEDLES, SUTURE.
 PROBANG.

PROBANG, JOINTED.
 PROBE, GUN-SHOT.
 PUNCH, TOOTH.
 RASPATORY.
 SAW, AND SPARE BLADE.
 SAW, METACARPAL.
 SAW, SKULL.
 SCALPELS (Six).
 SCISSORS, PROBE POINTS.
 SILK.
 SKULL RAZOR.
 TOOTH KEY.
 TOURNIQUETS (Six).
 TREPHINE BRUSH.
 TREPHINES (Two).
 TROCAR, ABDOMEN.
 TROCAR, HYDROCELE.

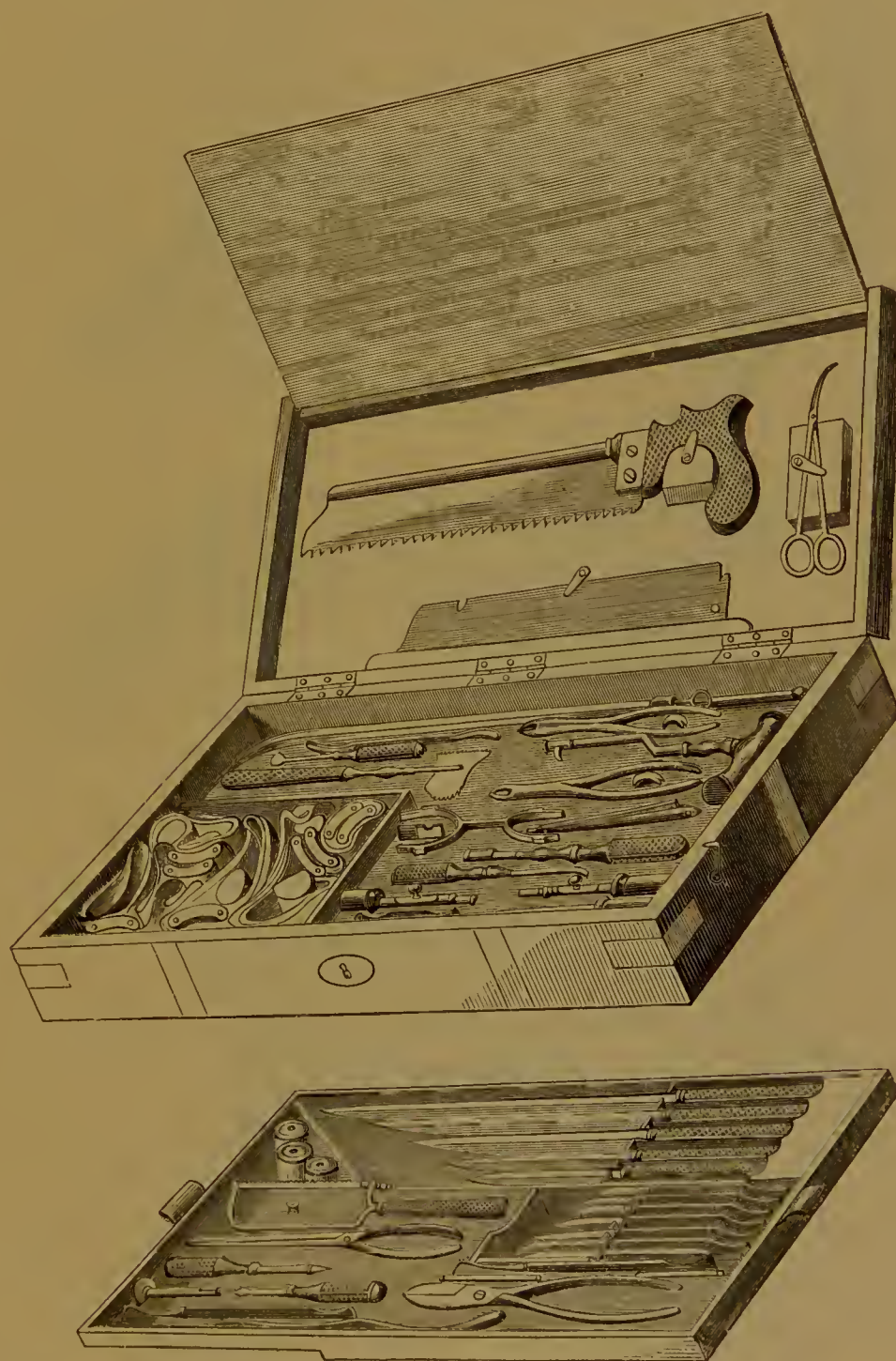
THE FOLLOWING ARE ALSO NECESSARY:—

Apparatus for Restoring Suspended Animation.
 Bandages, Eighteen Tailed (Two).
 Bandages, Flannel or Linen (Twelve).
 Bougies in Case (Two Dozen).
 Cupping Instruments (Fig. 1, Section II).
 Dressing Instruments (Fig. 1, Section III).

Lancets in Case (Six).
 Syringes, Pewter, 8-oz. (Two).
 Syringes, Pewter, $\frac{1}{2}$ -oz. (Six).
 Tape and Webbing.
 Thermometer, Clinical.
 Wood Chest for the Outfit.

AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 9



OPERATION CASE, in accordance with the Navy Regulations.

FIG. 10.—OPERATION CASE, CONTAINS :—

CATHETERS, ELASTIC (Two).

CATHETERS, SILVER (Two).

CATLIN.

ELEVATOR, SKULL.

FORCEPS, ARTERY.

FORCEPS, BONE.

FORCEPS, BULLET.

FORCEPS, SKULL.

FORCEPS, TOOTH (Two).

KNIVES (Three).

LANCET, GUM.

NEEDLE, SETON.

NEEDLES, SUTURE.

PROBANG.

PROBE, GUN-SHOT.

PUNCH, TOOTH.

SAW.

SAW, METACARPAL.

SAW, SKULL.

SCALPELS (Six).

SILK.

TENACULUMS (Two).

THREAD.

TOURNIQUETS (Two).

TREPHINES (Two).

TROCARS (Two).

THE FOLLOWING ARE ALSO NECESSARY :—

Bandages (Three).

Bougies in Case (Six).

Dressing Instruments (Fig. 1, Section III).

Lancets (Twelve).

Splints, Lined (One Set).

Syringes, Pewter (Six).

Thermometer, Clinical.

FIG. 11.—OPERATION CASE, CONTAINS :—

CATHETERS, ELASTIC-GUM (Three).

CATHETERS, SILVER (Two).

DIRECTOR.

ELEVATOR, SKULL.

FORCEPS, BONE.

FORCEPS, TOOTH (Two).

KNIFE, HERNIA.

KNIVES (Two).

NEEDLE, ANEURISM.

NEEDLES, SUTURE.

SAW.

SAW, SKULL.

SCALPELS (Two).

SILK.

TREPHINE AND BRUSH.

TROCARS (Two).

THE FOLLOWING ARE ALSO NECESSARY :—

Dressing Instruments (Fig. 1, Section III).

Obstetric Forceps, Perforator, and Blunt
Hook.

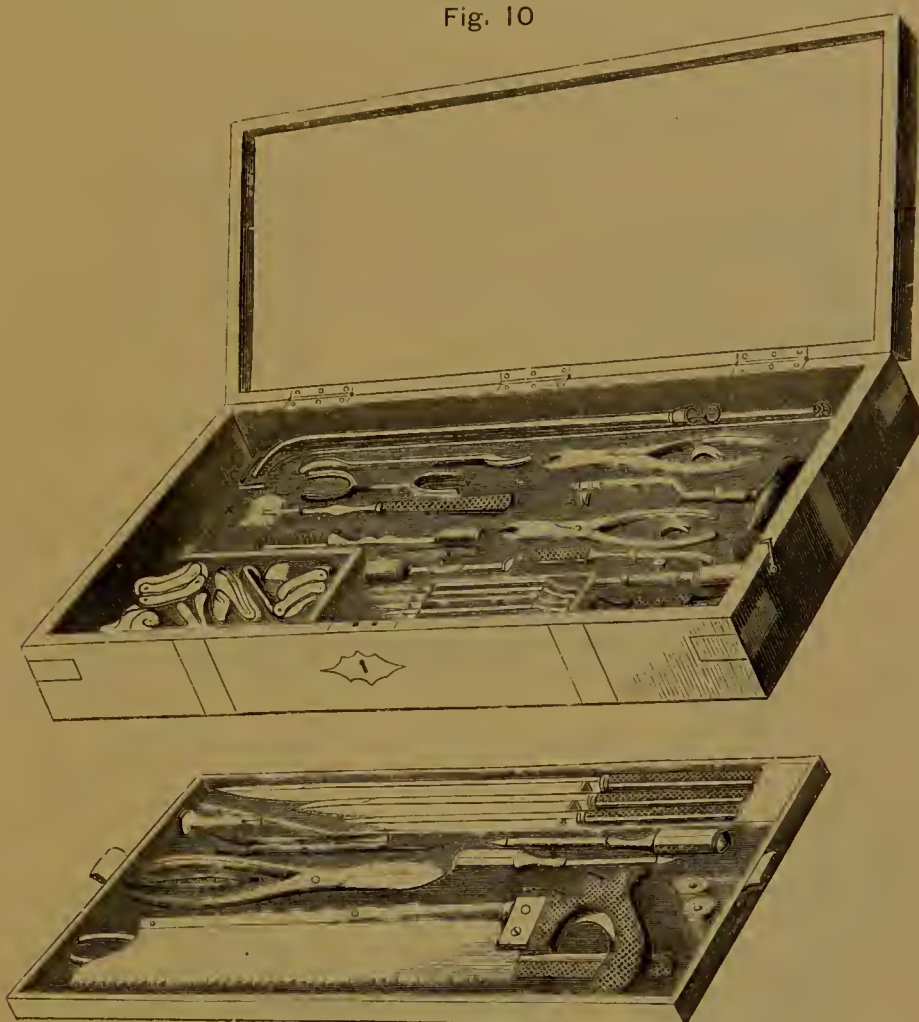
Syringe, Hypodermic.

Thermometer, Clinical.

Vaccine Lymph (Twelve Tubes).

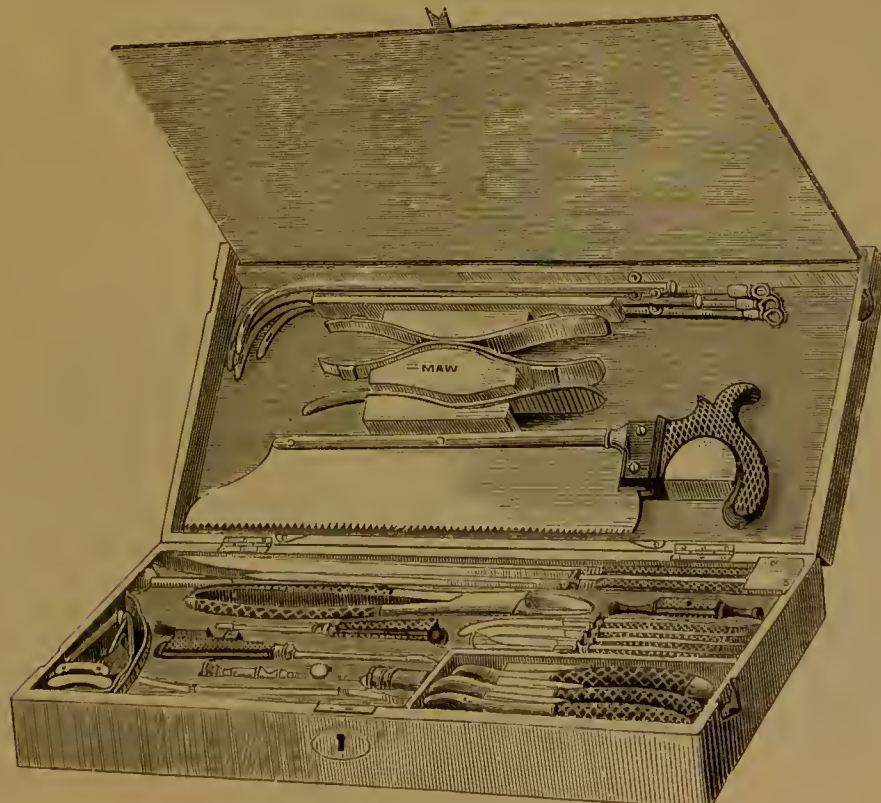
AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 10



OPERATION CASE for Assistant Surgeons in the Royal Navy.

Fig. 11



OPERATION CASE for Passenger Ships.

FIG. 12.—OPERATION CASE, CONTAINS :—

BISTOURIES, CURVED (Two).
 BISTOURIES, STRAIGHT (Two).
 CANULA, TRACHEOTOMY.
 CATHETERS, ELASTIC-GUM (Three).
 CATHETERS, PLATED (Three).
 CATLIN.
 ELEVATOR, SKULL.
 EXTRACTOR, BULLET.
 FORCEPS, ARTERY.
 FORCEPS, BONE.
 FORCEPS, BULLET.
 FORCEPS, NECROSIS.
 FORCEPS, SKULL.
 FORCEPS, THROAT.
 FORCEPS, TOOTH.
 FORCEPS, TORSION.
 FORCEPS, URETHRA.
 KNIVES (Three).
 NEEDLE, ANEURISM.
 NEEDLES, SUTURE.
 PROBANG.
 PROBANG, JOINTED.

PROBE, DRESSING.
 PROBE, GUN-SHOT.
 PROBE, NÉLATON'S.
 PROBES, ANEL'S.
 SAW.
 SAW, FINGER.
 SAW, SKULL.
 SCALPELS (Six).
 SCISSORS, CURVED, PROBE POINTS.
 SCISSORS, STRAIGHT.
 SERRE-FINES (Two).
 SILK AND THREAD.
 STYLES (Two).
 SYRINGE, HYDROCELE.
 TENACULUM.
 TOURNIQUETS (Two).
 TOURNIQUETS, FIELD (Three).
 TREPHINE BRUSH.
 TREPHINES (Two).
 TROCAR, ABDOMEN.
 TROCAR, HYDROCELE.
 WIRE.

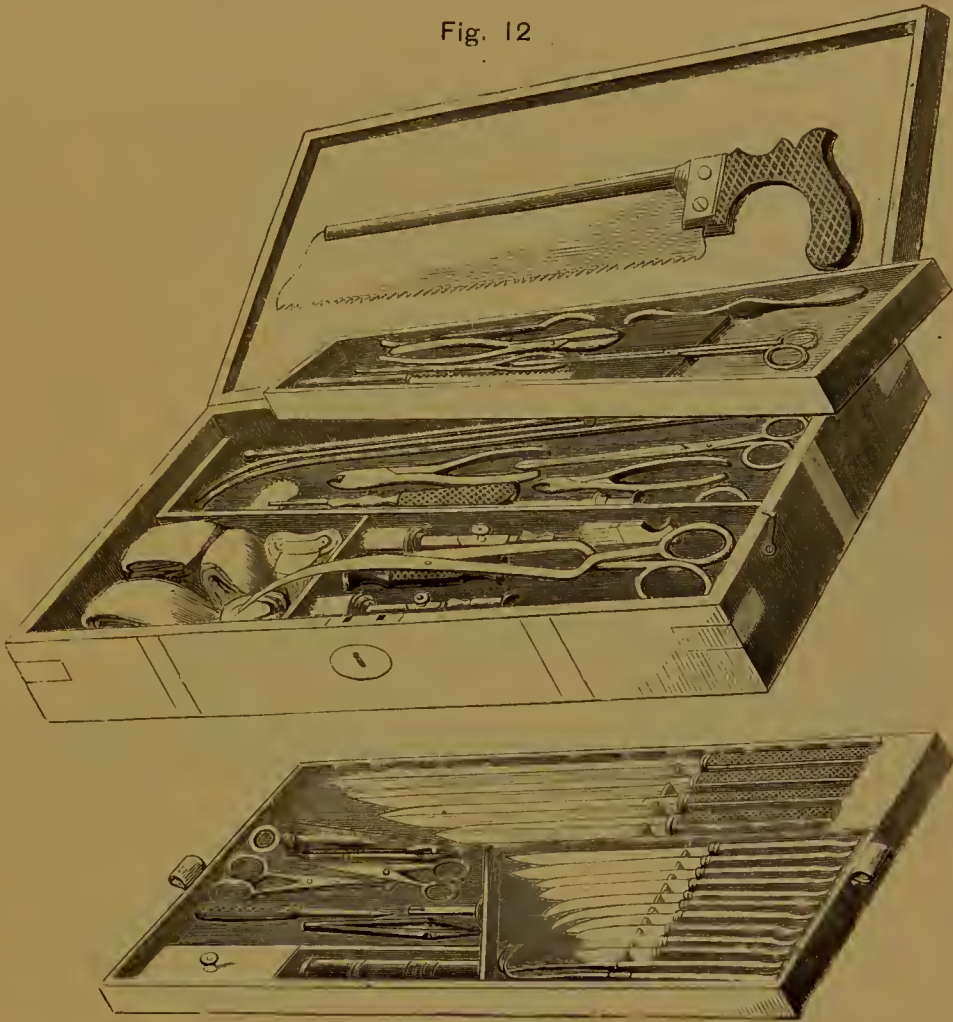
FIG. 13.—OPERATION CASE, CONTAINS :—

CATHETER.
 FORCEPS, ARTERY.
 FORCEPS, BONE.
 FORCEPS, BULLET.
 KNIVES (Two).
 NEEDLES, SUTURE.

PROBE, GUN-SHOT.
 SAW.
 SILK.
 THREAD.
 TOURNIQUETS (Two).
 WIRE.

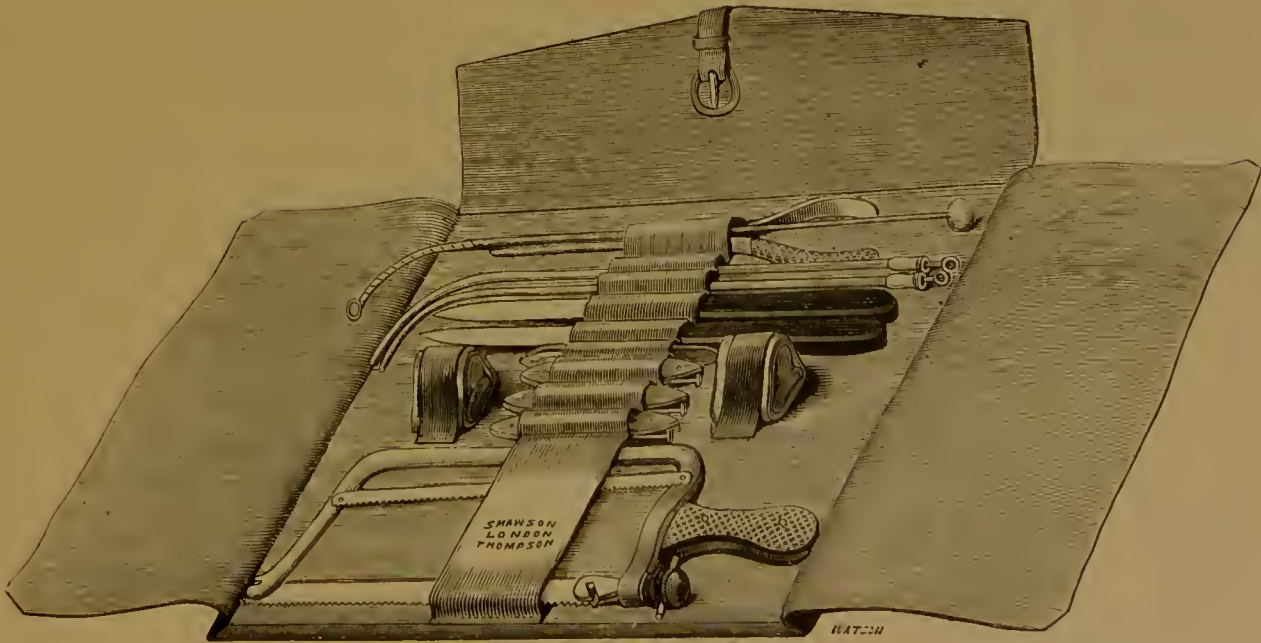
AMPUTATION AND OPERATION INSTRUMENTS, ETC. (Continued).

Fig. 12



OPERATION CASE.

Fig. 13



OPERATION CASE.

FIG. 14.—OPERATION CASE, CONTAINS :—

BISTOURIES, CURVED (Two).	NEEDLES, SUTURE.
BISTOURIES, STRAIGHT (Two).	PROBE, GUN-SHOT.
CATLIN.	SAW.
DIRECTOR, HERNIA.	SAW, FINGER.
ELEVATOR, SKULL.	SAWS, SKULL (Two).
FORCEPS, ARTERY.	SCALPELS (Three).
FORCEPS, BONE.	TOURNIQUET.
FORCEPS, BULLET.	TREPHINE.
KNIFE, CIRCULAR.	TREPHINE BRUSH.
KNIFE, HERNIA.	TROCAR, ABDOMEN.
KNIVES (Two).	TROCAR, HYDROCELE.
NEEDLE, ANEURISM.	WIRE AND SILK.

THE FOLLOWING ARE ALSO NECESSARY :—

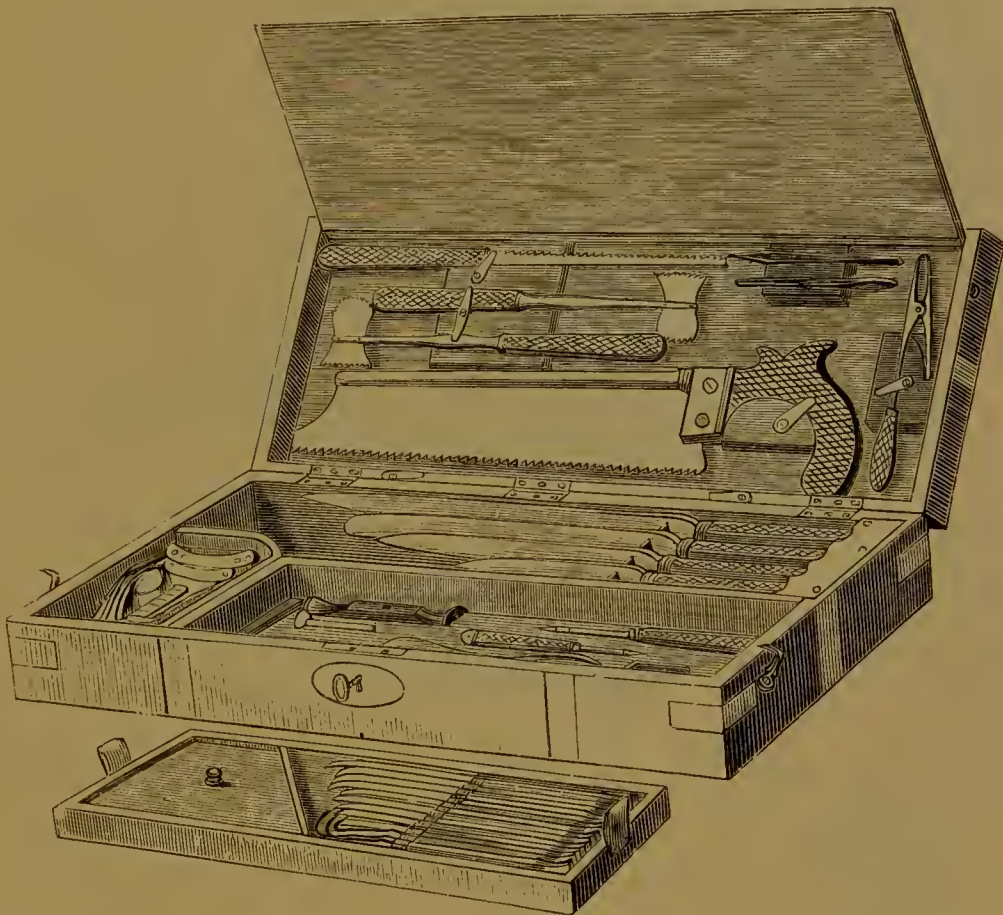
Bougies (Six in Case).	Forceps, Midwifery.
Catheter, Female.	Lancets (Six).
Catheters, Silver, Male (Three).	Pocket Instruments (Fig. 1, Section III).
Cupping Instruments (Fig. 1, Section II).	Tooth Instruments.

FIG. 15.—AMPUTATION CASE, CONTAINS :—

CATLIN.	SAW.
KNIFE.	SAW, SKULL.
NEEDLES AND SILK.	TOURNIQUET.

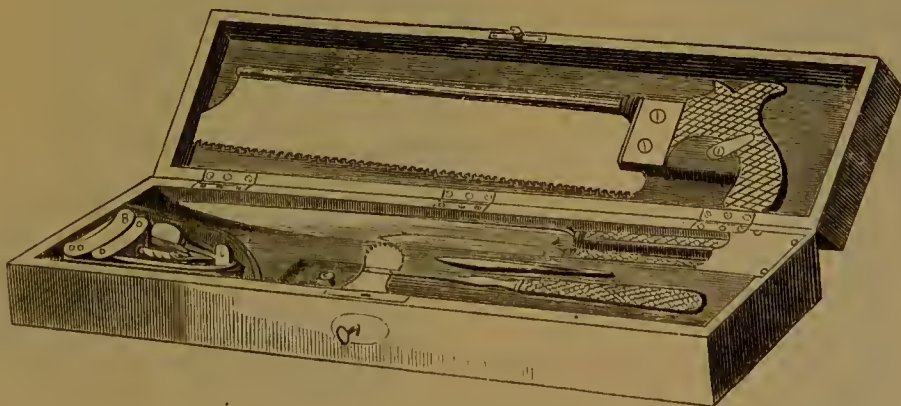
AMPUTATION AND OPERATION INSTRUMENTS, ETC. (Continued).

Fig. 14



OPERATION CASE for Surgeons in the Peninsular and Oriental Company's Service.

Fig. 15



AMPUTATION CASE.

FIG. 16.—OPERATION CASE, CONTAINS:—

BISTOURIES, CURVED (Two).
 BISTOURIES, STRAIGHT (Two).
 CATLIN.
 DIRECTOR, HERNIA.
 ELEVATOR, SKULL.
 FORCEPS, ARTERY (Two).
 FORCEPS, BONE.
 FORCEPS, BULLET.
 FORCEPS, DRESSING.
 KNIVES (Two).
 NEEDLE, ANEURISM.

NEEDLES AND SILK.
 PROBE, GUN-SHOT.
 RASPATORY.
 SAW.
 SAW, FINGER.
 SAWS, SKULL (Two).
 SCALPELS (Three).
 TREPHINE.
 TREPHINE BRUSH.
 TROCAR, ABDOMEN.
 TROCAR, HYDROCELE.

THE FOLLOWING ARE ALSO NECESSARY:—

Bandages (Two Dozen).
 Bougies (Six in Case).
 Catheters (Fig. 36, Section VIII).
 Cupping Instruments (Fig. 1, Section II).
 Lancets (Six).
 Obstetric Forceps, Perforator and Blunt Hook.
 Pocket Dressing Instruments (Fig. 1, Section III).

Probang.
 Splint, Liston's.
 Splints, Lined (One Set).
 Syringe, Pewter (One Pint).
 Syringes, Urethra (Six).
 Tape.
 Thread.
 Tooth Instruments (Fig. 2, Section VII).

FIG. 17.—PORTABLE FIELD OPERATION CASE, CONTAINS:—

BISTOURIES, CURVED (Two).
 BISTOURIES, STRAIGHT (Two).
 BRUSHES, CAUSTIC (Two).
 CANULA, TRACHEOTOMY.
 CATHETER, SILVER (No. 8).
 CATLIN.
 CAUSTIC WITH SILVER CASE.
 ELEVATOR, SKULL.
 EXTRACTOR, BULLET.
 FORCEPS, ARTERY (Two).
 FORCEPS, BONE.
 FORCEPS, BULLET.
 FORCEPS, SKULL.
 FORCEPS, TOOTH.
 KNIFE, HERNIA.
 KNIFE, TENOTOMY.
 KNIVES (Two).
 LANCET, GUM.
 LINT.
 NEEDLE, ANEURISM.
 NEEDLE, LISTON'S.
 NEEDLES, SUTURE.
 OILED SILK.

PLASTER, ADHESIVE.
 PLASTER, ISINGLASS.
 PLASTER ON OILED SILK.
 PROBANG.
 PROBE, GUN-SHOT.
 PROBE, NÉLATON'S.
 SAW.
 SAW, FINGER.
 SAW, METACARPAL.
 SAW, SKULL.
 SCALPELS (Four).
 SCISSORS.
 SCOOP, BULLET.
 SYRINGE, HYDROCELE.
 TENACULUM.
 THREAD, SILK, AND WIRE.
 TISSUE, GUTTA-PERCHA.
 TOOTH KEY.
 TOOTH PUNCH.
 TREPHINE AND BRUSH.
 TROCAR, ABDOMEN.
 TROCAR, EXPLORING.
 TROCAR, HYDROCELE.

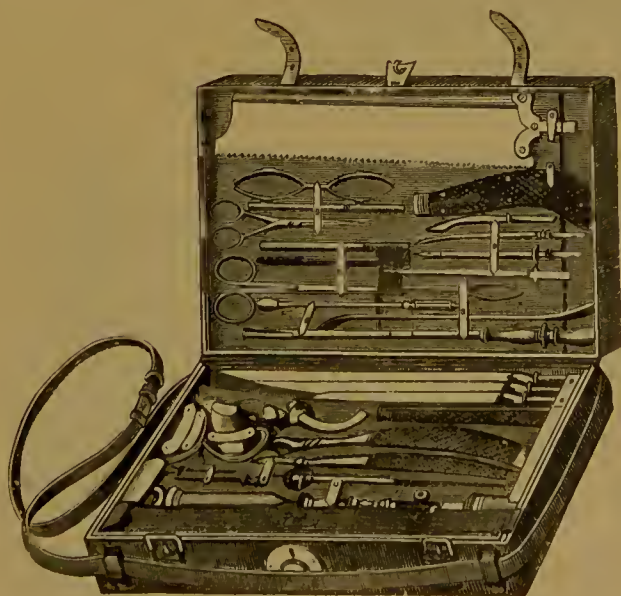
AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 16



OPERATION CASE for Surgeons in the Royal Mail Steam Packet Service.

Fig. 17



PORTABLE FIELD OPERATION CASE.



FIG. 18.—ARMY PANNIERS, FOR 300 MEN AND UPWARDS, MADE OF STRONG WICKER, AND COVERED WITH HIDE.

CONTENTS OF INSTRUMENT PANNIER :—

Complete set of Instruments, enclosed in a strong patent-leather cover, Pocket Dressing Instruments, Enema Apparatus, two dozen Calico Bandages, three Water-dressing Bandages, twelve Elastic-gum Bougies, twelve Elastic-gum Catheters, Needles, Tape, Ligature Thread, six Field Tourniquets, one Spiral Tourniquet, four pairs of Cline's Leg Splints, set of Arm Splints, set of lined Splints, Pewter Bed Pan, Metal Washing Basin, and two packets of Pins.

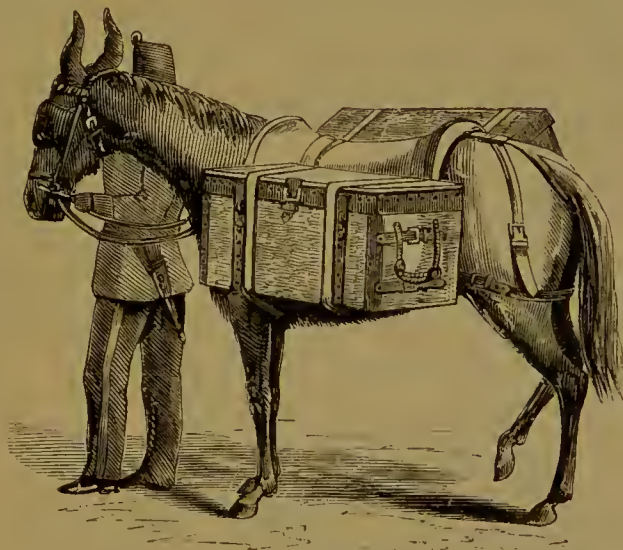
CONTENTS OF MEDICINE PANNIER :—

Thirty-one green flint stoppered square Bottles (two 32-oz., two 8-oz., five 4-oz., twelve 2-oz., five 1-oz., and five $\frac{3}{4}$ -oz.), five 2-oz. Capped Ethers, six small Japanned Tin Boxes, Pill Tile, Scissors, Pill Knife, Bolus Knife, Glass Measures, Mortar and Pestle, Pewter Cup, Scales and Weights, 1 lb. Cotton Wool, three Sponges, half-quire Demy Paper, Twine, Waxed Paper, Gutta-percha Tissue, three $\frac{1}{2}$ -oz. Glass Syringes, Bull's-eye Lantern, Corkscrew, one yard Oiled Silk, Pill Boxes, Gallipots, Corks, Wax Candles, Glass Inkstand, Writing Paper, Slip Labels, Pens, Wafers, Sealing Wax, Tin of Wax Matches, and Empty Tins for tea, sugar, arrowroot, and coffee.

AMPUTATION AND OPERATION INSTRUMENTS, ETC. (Continued).



PAIR OF ARMY PANNIERS, forming an Operation Table.



PAIR OF ARMY PANNIERS, packed for Transport.

Fig. 18



MEDICINE PANNIER, Open.



INSTRUMENT PANNIER, Open.

FIG. 19.—SURGEONS' ARMAMENTARIUM, CONTAINS :—

BISTOURIES, CURVED (Two).

BOUGIES À BOULE.

CANULA, BELLOC'S.

CANULA, TRACHEOTOMY, SILVER.

CANULA, TRACHEOTOMY, VULCANITE.

CATHETER, BLADDER.

CATHETER, EUSTACHIAN.

CATHETERS, FEMALE (Two).

CATHETERS (Set of Twelve).

CATLIN.

DEPRESSOR, NOSE.

DEPRESSOR, UTERUS.

DILATOR, HERNIA.

DIRECTOR, FISTULA.

DIRECTOR, HERNIA.

ECRASEUR.

EYE INSTRUMENTS :—

CURETTE.

CYSTOTOME.

FORCEPS, CILIA.

FORCEPS, ENTROPIUM.

FORCEPS, FIXING.

FORCEPS, IRIS.

GOUGE, WALTON'S.

HOOK, BOWMAN'S.

HOOK, CRITCHETT'S.

HOOK, TYRRELL'S.

KNIFE, CANALICULUS.

KNIFE, CATARACT.

KNIFE, GRAEFE'S.

KNIFE, SICHEL'S.

KNIVES, IRIDECTOMY (Two).

NEEDLES, BOWMAN'S STOP.

NEEDLES, BOWMAN'S SUTURE.

NEEDLES, BROAD.

NEEDLES, CATARACT (Two).

EYE INSTRUMENTS (*Continued*)—

RETRACTOR.

RETRACTOR, STOP.

SCARIFIER.

SCISSORS.

SPOON, DOUBLE.

STYLE.

VECTIS.

FORCEPS, ARTERY.

FORCEPS, BONE.

FORCEPS, "BULL DOG" (Two).

FORCEPS, CAUSTIC.

FORCEPS, DISSECTION.

FORCEPS, FOREIGN-BODY.

FORCEPS, HARE-LIP.

FORCEPS, LITHOTOMY.

FORCEPS, PHYMOSIS.

FORCEPS, PILE (Two Pairs).

FORCEPS, POLYPUS.

FORCEPS, SINUS.

FORCEPS, THROAT, CURVED.

FORCEPS, THROAT; MACKENZIE'S.

FORCEPS, TOOTH (Six Pairs).

FORCEPS, TORSION.

FORCEPS, UTERUS.

GUILLotine.

KNIFE, BREAST.

KNIFE, HERNIA.

KNIVES, AMPUTATION (Four).

KNIVES, FINGER (Two).

KNIVES, LITHOTOMY (Two).

LARYNGOSCOPE.

LITHOTRITE.

METROTOME.

NEEDLE-HOLDER.

NEEDLE, LISTON'S.

NEEDLES, SUTURE.

NEEDLES, VESICO-VAGINAL FISTULA.

OPHTHALMOSCOPE.

PROBE, BULLET.

PROBE, PLAYFAIR'S UTERUS.

PROBES, DRESSING (Two).

SAW, AMPUTATION.

SAW, METACARPAL.

SCALPELS (Six).

SCISSORS, FISTULA.

SCISSORS, HARE-LIP.

SCISSORS, RICHARDSON'S.

SCISSORS, UVULA.

SOUND, SIMPSON'S UTERUS.

SOUND, SLIDING.

SOUNDS, BLADDER (Two).

SPECULUM, EAR.

SPECULUM, RECTUM.

SPECULUM, VAGINA.

STRICTURE DILATOR.

SYRINGE, BLADDER.

SYRINGE, EAR.

SYRINGE, HYDROCELE.

SYRINGE, HYPODERMIC.

TENACULUM.

THERMOMETERS, CLINICAL (Two).

TROCAR, ABDOMEN.

TROCAR, ASCITES.

TROCAR, BLADDER.

TROCAR, EXPLORING.

TROCAR, HYDROCELE.

TROCAR, OVARIOTOMY.

URETHROTOME, MAISONNEUVE'S.

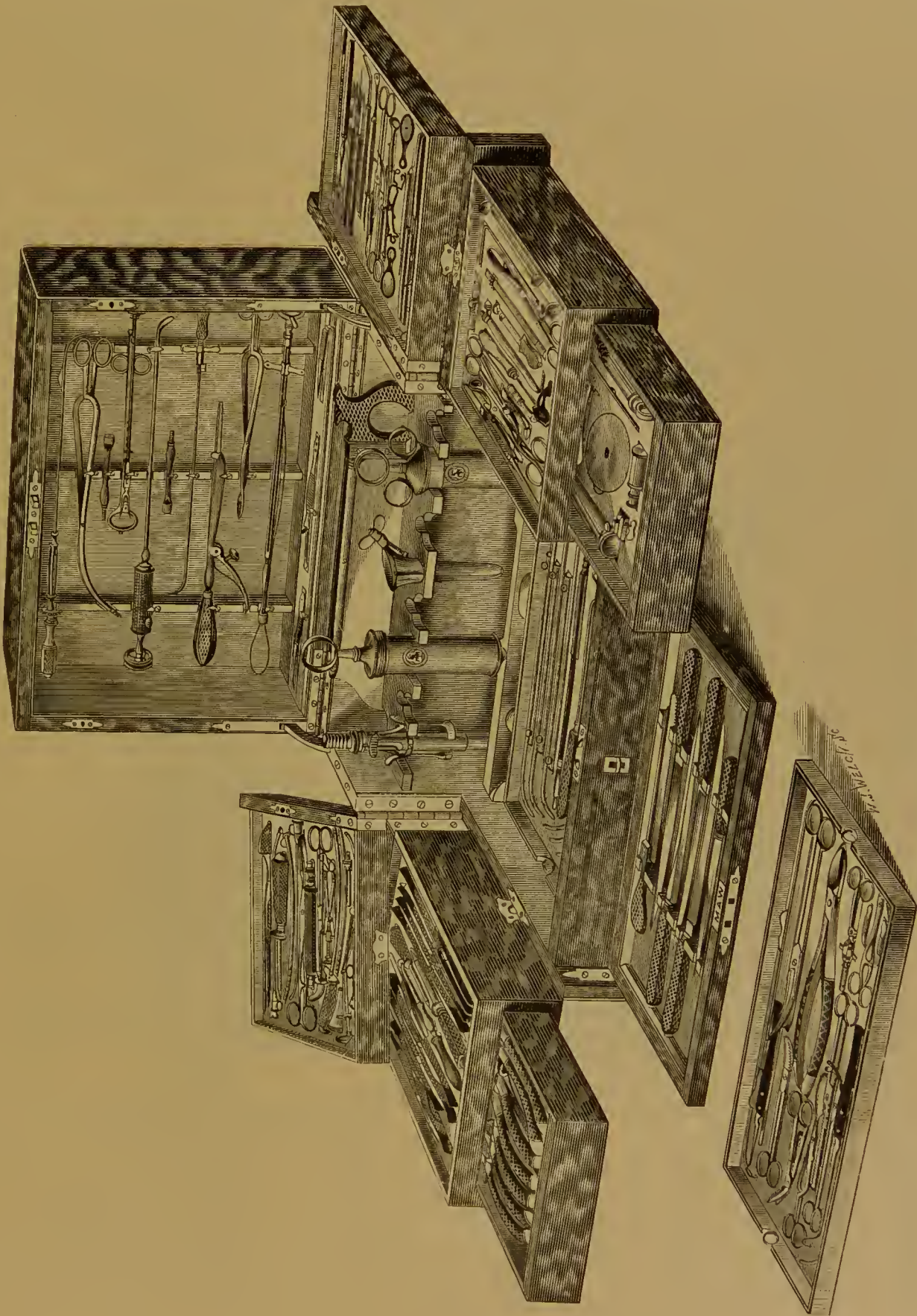
URETHROTOME, THOMPSON'S.

VACCINATOR.

VULSELLUM.

AMPUTATION AND OPERATION INSTRUMENTS, ETC. (Continued).

Fig. 19



SURGEONS' ARMAMENTARIUM.

FIG. 20.—MAW'S INSTRUMENT CABINET FOR HOSPITALS, CONTAINS :—

APPARATUS FOR PREMATURE

LABOUR, BARNES'.
 BANDAGE, ESMARCH'S.
 BISTOURIES, CURVED (Two).
 BISTOURIES, STRAIGHT (Two).
 BOUGIES À BOULE.
 BOUGIES, CYLINDRICAL.
 BOUGIES, ŒSOPHAGUS.
 BOUGIES, SONDE-À-VIS.
 BOUGIES, WHALEBONE.
 CANULAS, TRACHEOTOMY (Three).
 CATHETER, BI-CHOUDÉE.
 CATHETER, BLADDER, WITH
 SYRINGE.
 CATHETER, CAUSTIC.
 CATHETER, FEMALE.
 CATHETER FOR CLOTS.
 CATHETER, INDIA-RUBBER.
 CATHETER, PROSTATE.
 CATHETER, RETENTIVE.
 CATHETERS, BRODIE'S (Twelve).
 CATHETERS, ELASTIC (Twelve).
 CATLIN.
 CLAMP AND FORCEPS, OVARIO-
 TOMY.
 CLAMP, CURLING'S RECTUM.
 CLAMP, SMITH'S RECTUM.
 CROTCHET AND BLUNT HOOK.
 DEPRESSOR, TONGUE.
 DILATOR, URETHRA.
 DIRECTOR, HERNIA.
 ELEVATOR, NECROSIS.
 ELEVATOR, TOOTH.
 EUSTACHIAN SYRINGE.
 EUSTACHIAN TUBE.
 EXTRACTOR, BULLET.
 EXTRACTOR AND CANULAS, CAL-
 CULUS.

EYE INSTRUMENTS :—

CURETTE AND CYSTOTOME.
 DIRECTOR, CANALICULUS.
 FORCEPS, CILIA.
 FORCEPS, ENTROPION.
 FORCEPS, FIXING.
 FORCEPS, IRIS (Two).
 HOOK, DOUBLE.
 KNIFE, CANALICULUS,
 WEBER'S.
 KNIFE, CATARACT, WEBER'S.
 KNIFE, SECONDARY.
 KNIFE, STELLING'S.
 KNIVES, CATARACT (Four).
 KNIVES, IRIDECTOMY (Two).
 NEEDLE, DOUBLE.
 NEEDLES, BOWMAN'S (Two).
 NEEDLES, CATARACT (Four).
 NEEDLES, HULKE'S (Two).
 PROBES, BOWMAN'S.
 RETRACTOR, BOWMAN'S.

EYE INSTRUMENTS (*Continued*)—

RETRACTOR, CRITCHETT'S.
 RETRACTOR, WALTON'S.
 RETRACTORS, DESMARRES'
 (Two).
 SCISSORS, EXCISION.
 SCISSORS, MAUNOIR'S.
 SCISSORS, STRABISMUS.
 SCISSORS, STRAIGHT.
 FORCEPS, ARTERY.
 FORCEPS, ARTERY CROSS-ACTION.
 FORCEPS, BONE.
 FORCEPS, "BULL DOG" (Two).
 FORCEPS, BULLET.
 FORCEPS, CRANIOTOMY.
 FORCEPS, CUTTING.
 FORCEPS, EAR.
 FORCEPS, GOUGE.
 FORCEPS, HARE-LIP.
 FORCEPS, LION.
 FORCEPS, LITHOTOMY (Four).
 FORCEPS, NECROSIS.
 FORCEPS, SKULL.
 FORCEPS, THROAT.
 FORCEPS, TOOTH (Seven).
 FORCEPS, TORSION.
 FORCEPS, URETHRA.
 FORCEPS, VULSELLUM.
 GORGETS, LITHOTOMY.
 GOUGE, NECROSIS.
 GUILLOTINE.
 HOOKS, TUMOUR (Two).
 IRONS, CAUTERY (Four).
 KNIFE, HERNIA.
 KNIFE, PAGET'S.
 KNIFE, SYME'S.
 KNIVES, AMPUTATION (Six).
 KNIVES, LITHOTOMY (Two).
 LANCET.
 LARYNGEAL BRUSHES.
 LIGATURE CATGUT.
 LIGATURE SILK.
 LIGATURE THREAD.
 LIGATURE WIRE.
 LITHOTRITE.
 METROTOME.
 NEEDLE-HOLDER.
 NEEDLES, ANEURISM.
 NEEDLES, NÆVUS.
 NEEDLES, SUTURE.
 NEEDLES, TUBULAR (Five).
 OTOSCOPE.
 PERCUSSOR.
 PERFORATOR, SIMPSON'S.
 PESSARIES (Six).
 PLEXIMETER.
 POST-MORTEM INSTRUMENTS :—
 BLOW-PIPE.
 CHISEL.

POST-MORTEM INSTRUMENTS
(*Continued*)—

ELEVATOR.
 FORCEPS.
 HAMMER.
 HOOKS.
 KNIVES (Six).
 NEEDLES.
 SCISSORS, BOWEL.
 SCISSORS, DISSECTION.
 TRIPOD.
 PROBANG, BRISTLE.
 PROBANGS (Two).
 PROBE, GUN-SHOT.
 PROBE, NÉLATON'S.
 PROBES (Two).
 PULLEYS, DISLOCATION.
 SAW.
 SAW, DR. BUTCHER'S.
 SAW, SKULL.
 SCALPELS (Six).
 SCARIFIER, UTERUS.
 SCISSORS, FRÆNUM.
 SCISSORS, GRAFTING.
 SCISSORS, SIMS'.
 SCISSORS, UTERUS.
 SCOOP, BULLET.
 SCOOP, LITHOTOMY.
 SCOOPS, NECROSIS (Two).
 SNARE, POLYPUS.
 SOUND, BARNES'.
 SOUND, BELLOC'S.
 SOUNDS, LITHOTOMY (Four).
 SPECULUM, RECTUM.
 SPECULUM, VAGINA.
 SPHYGMOGRAPH.
 SPRAY, ETHER.
 STAFF, BUCHANAN'S.
 STAFF, SYME'S.
 STAFFS (Four).
 STEMS, UTERUS (Six).
 STOMACH PUMP (Flute Key), MAW'S.
 SYRINGE, BRASS (2 ozs.).
 TENACULUM.
 TENT INTRODUCER.
 TENTS, SPONGE (Twelve).
 THERMOMETER, CLINICAL.
 THIMBLE.
 TREPHINE.
 TUBE, BARNES', FOR OINTMENT.
 TUBE, LITHOTOMY.
 TOURNIQUET.
 TOURNIQUETS, FIELD (Two).
 TREPHINES (Two).
 TROCAR, ASCITES (Two).
 TROCAR, BLADDER, COCK'S.
 TROCAR, HYDROCELE.
 TROCAR, OVARIOTOMY, WELLS'.
 URINOMETER AND GLASS.

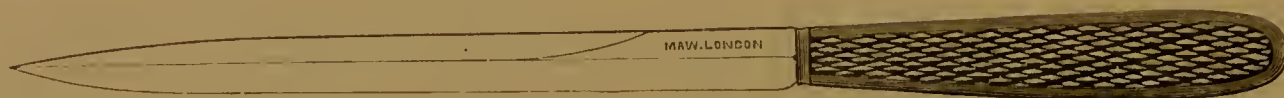
AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 20



MAW'S INSTRUMENT CABINET FOR HOSPITALS.

AMPUTATION KNIVES.



3



1



6



4



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2

Fig. 1. CATLIN.

Fig. 2. CIRCULAR (8-in. and 9-in.).

Fig. 3. LISFRANC'S.

Fig. 4. LISTON'S (7-in., 8-in., 9-in., 10-in.).

Fig. 5. LISTON'S (5-in., 6-in., 7-in., 8-in., 9-in., 10-in.).

Fig. 6. LISTON'S (Set of Three).

SAWS.

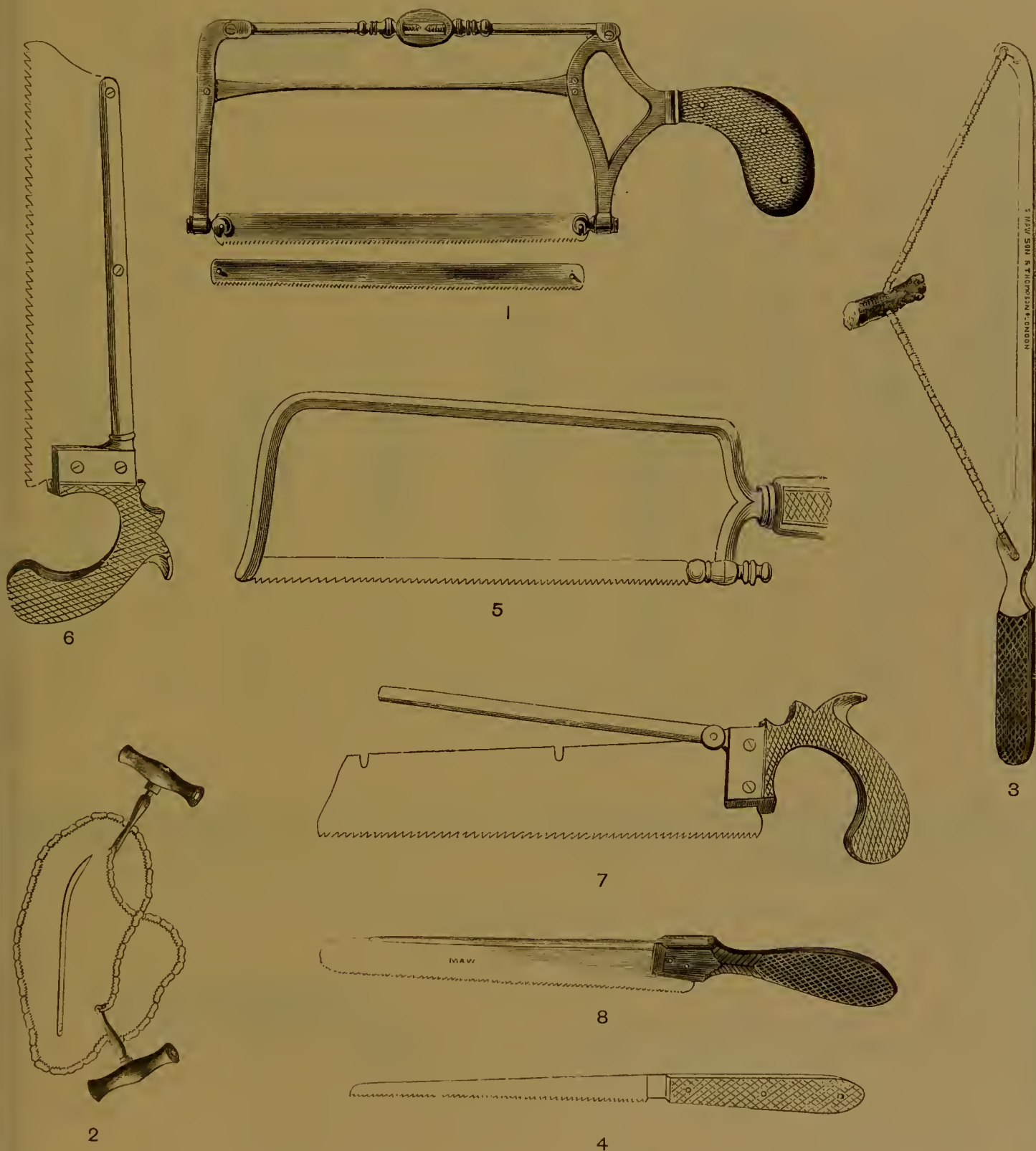
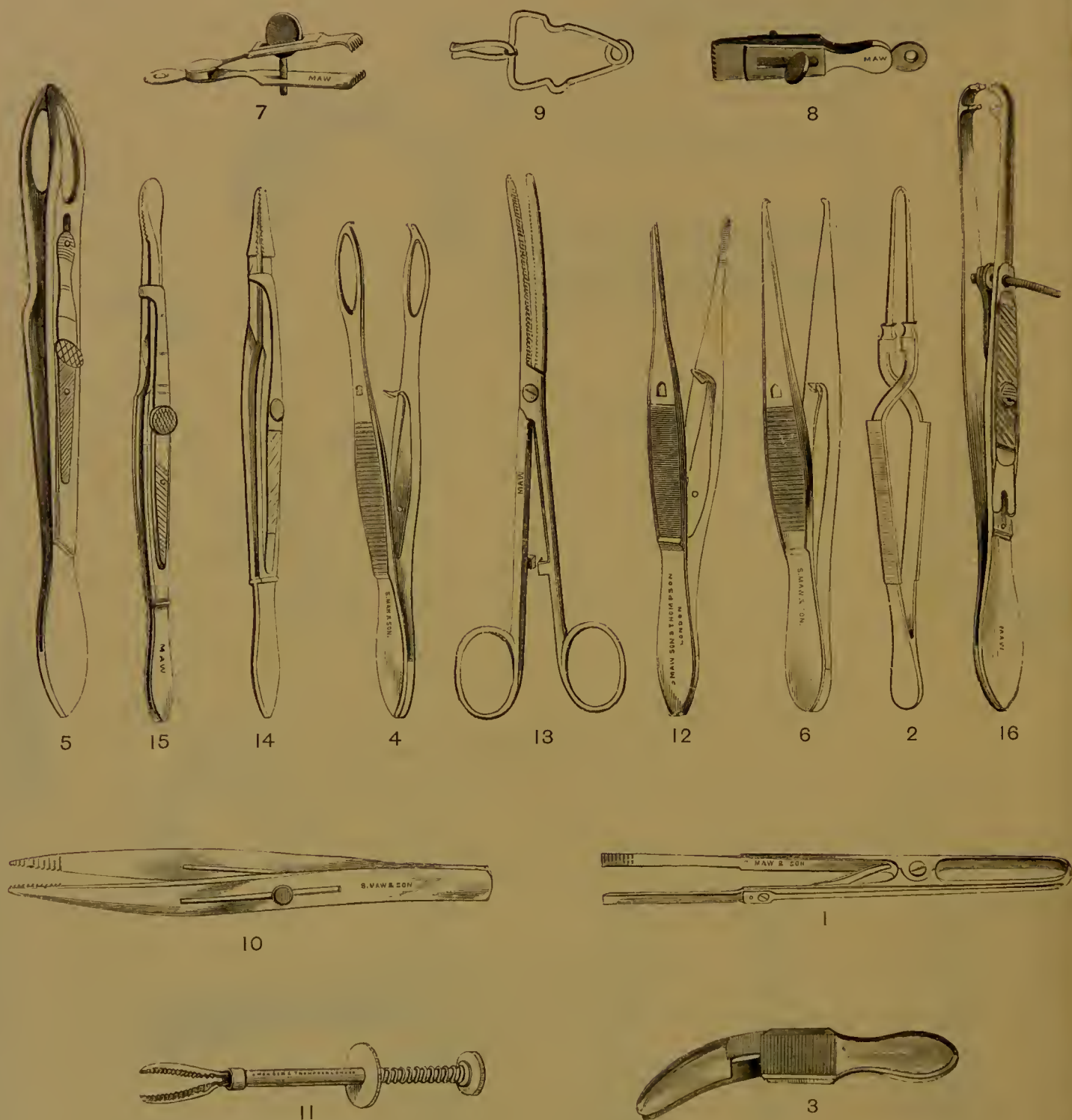


Fig. 1. BUTCHER'S, DR. (*Dublin*).
 Fig. 2. CHAIN.
 Fig. 3. CHAIN.
 Fig. 4. FINGER.

Fig. 5. METACARPAL.
 Fig. 6. PLAIN.
 Fig. 7. SHIFTING BACK.
 Fig. 8. SHIFTING BACK.

ARTERY FORCEPS.



- Fig. 1. ASSALINI'S.
 Fig. 2. CROSS-ACTION.
 Fig. 3. DIEFFENBACH'S "BULL DOG."
 Fig. 4. FENESTRATED.
 Fig. 5. FENESTRATED.
 Fig. 6. LISTON'S.
 Fig. 7. MAW'S.
 Fig. 8. MAW'S.

- Fig. 9. SERRE-FINE.
 Fig. 10. SLIDING.
 Fig. 11. SPRING.
 Fig. 12. SYME'S.
 Fig. 13. TORSION.
 Fig. 14. TORSION.
 Fig. 15. TORSION.
 Fig. 16. WILCOX'S.

BULLET AND GUN-SHOT INSTRUMENTS.

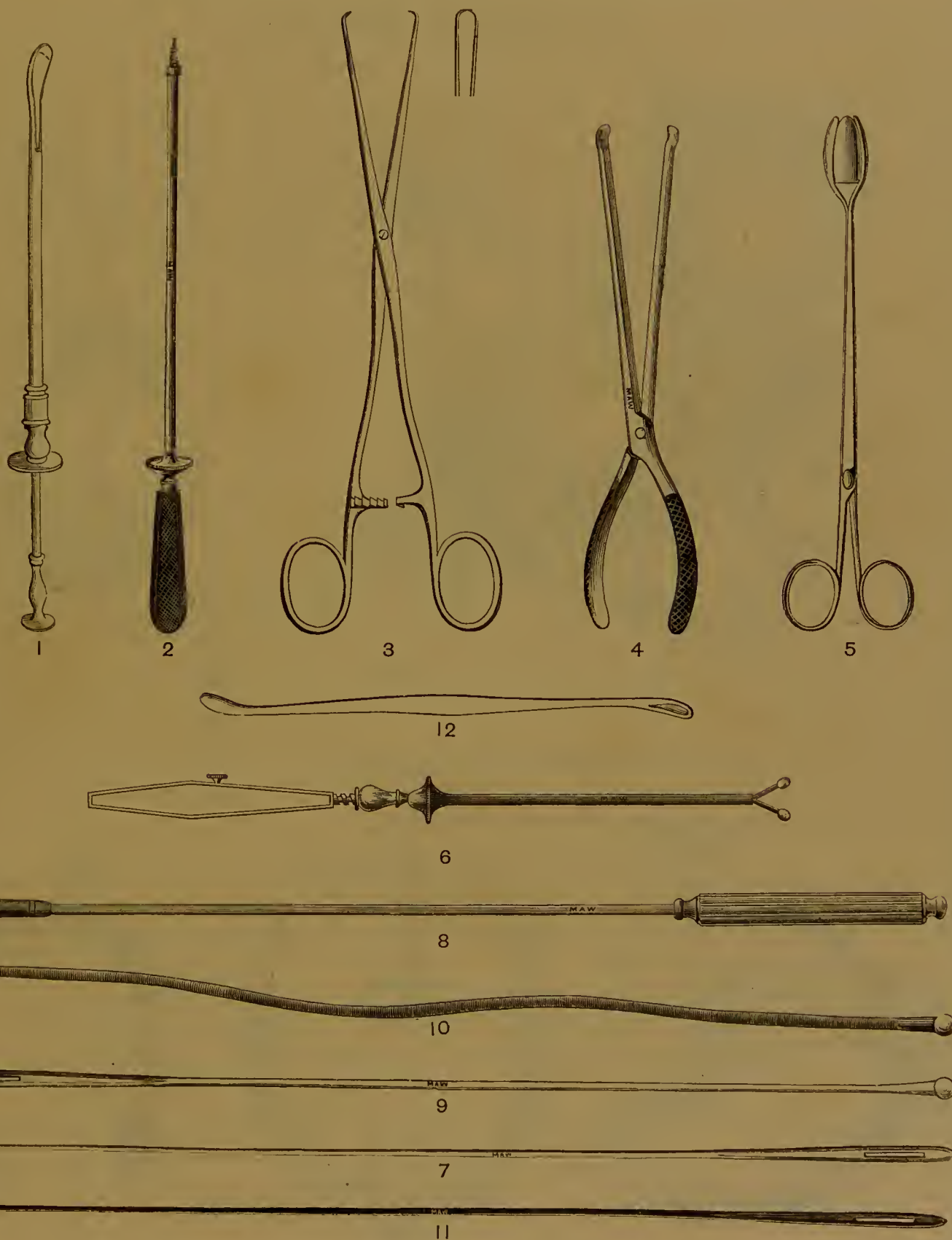
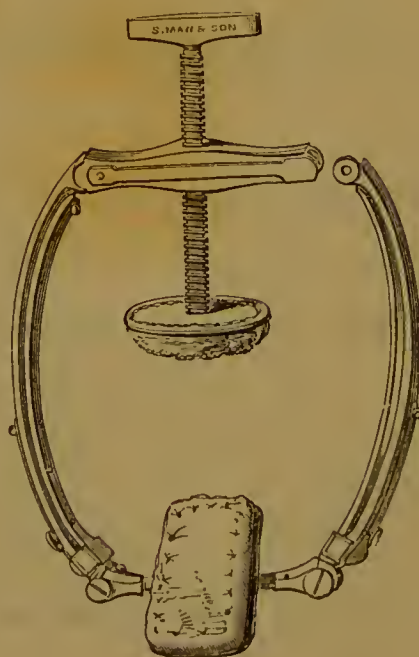
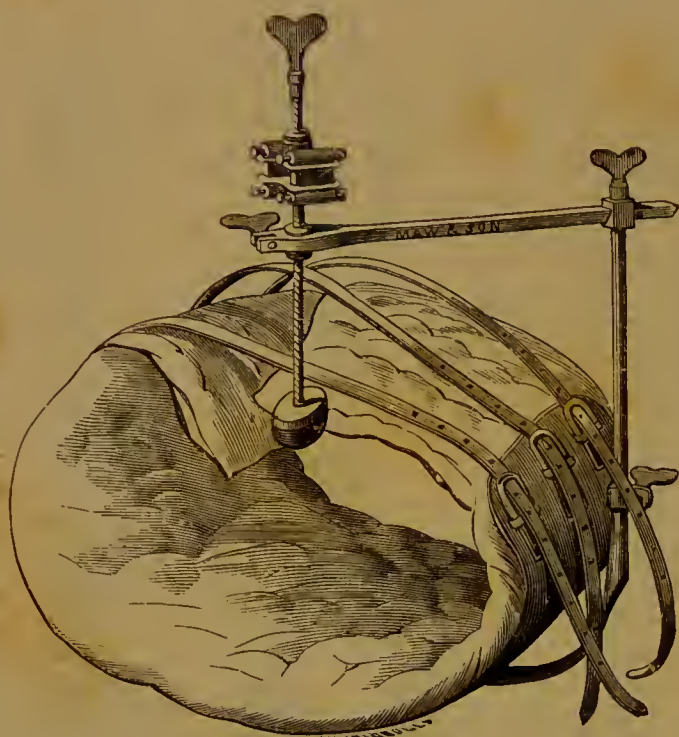


Fig. 1. EXTRACTOR.
 Fig. 2. EXTRACTOR.
 Fig. 3. FORCEPS.
 Fig. 4. FORCEPS.
 Fig. 5. FORCEPS.
 Fig. 6. PROBE, LECOMTE'S.

Fig. 7. PROBE, METAL.
 Fig. 8. PROBE, NÉLATON'S.
 Fig. 9. PROBE, SOFT METAL.
 Fig. 10. PROBE, SPIRAL.
 Fig. 11. PROBE, WHALEBONE.
 Fig. 12. SCOOP.

ANEURISM TOURNIQUETS.



2

4

3

Fig. 1. CARTE'S.

Fig. 2. LISTER'S.

Fig. 3. SIGNORONI'S.

Fig. 4. SKEY'S.

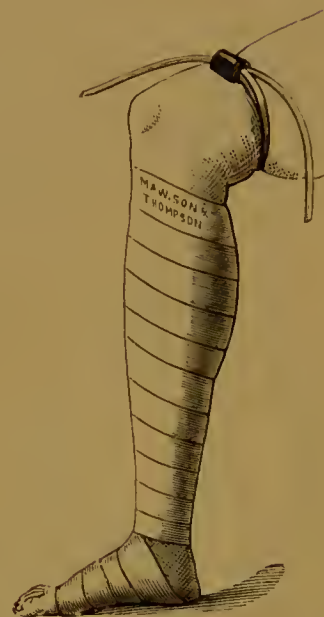
TOURNIQUETS.



Fig. 1. ESMARCH'S, for the Bloodless Operation.
Fig. 2. LANGENBECK'S, for the Bloodless Operation.

TOURNIQUETS (*Continued*).

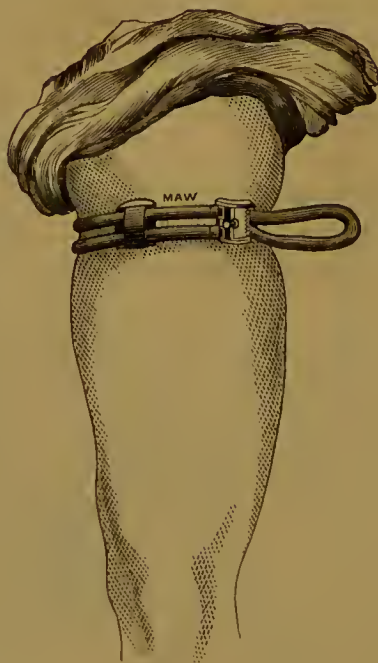
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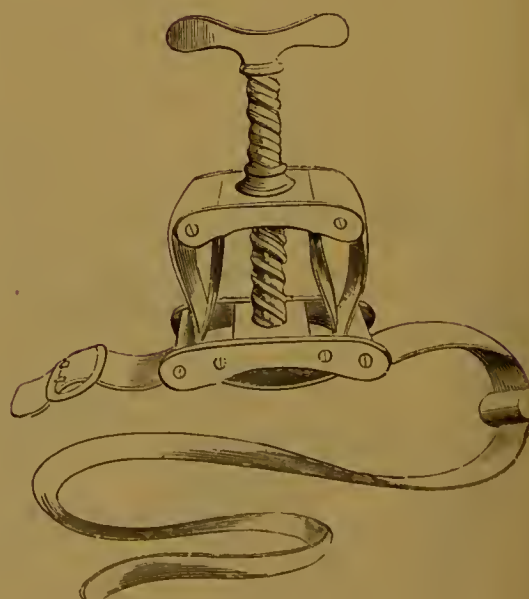
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Fig. 3. COUSINS' (Southsea).

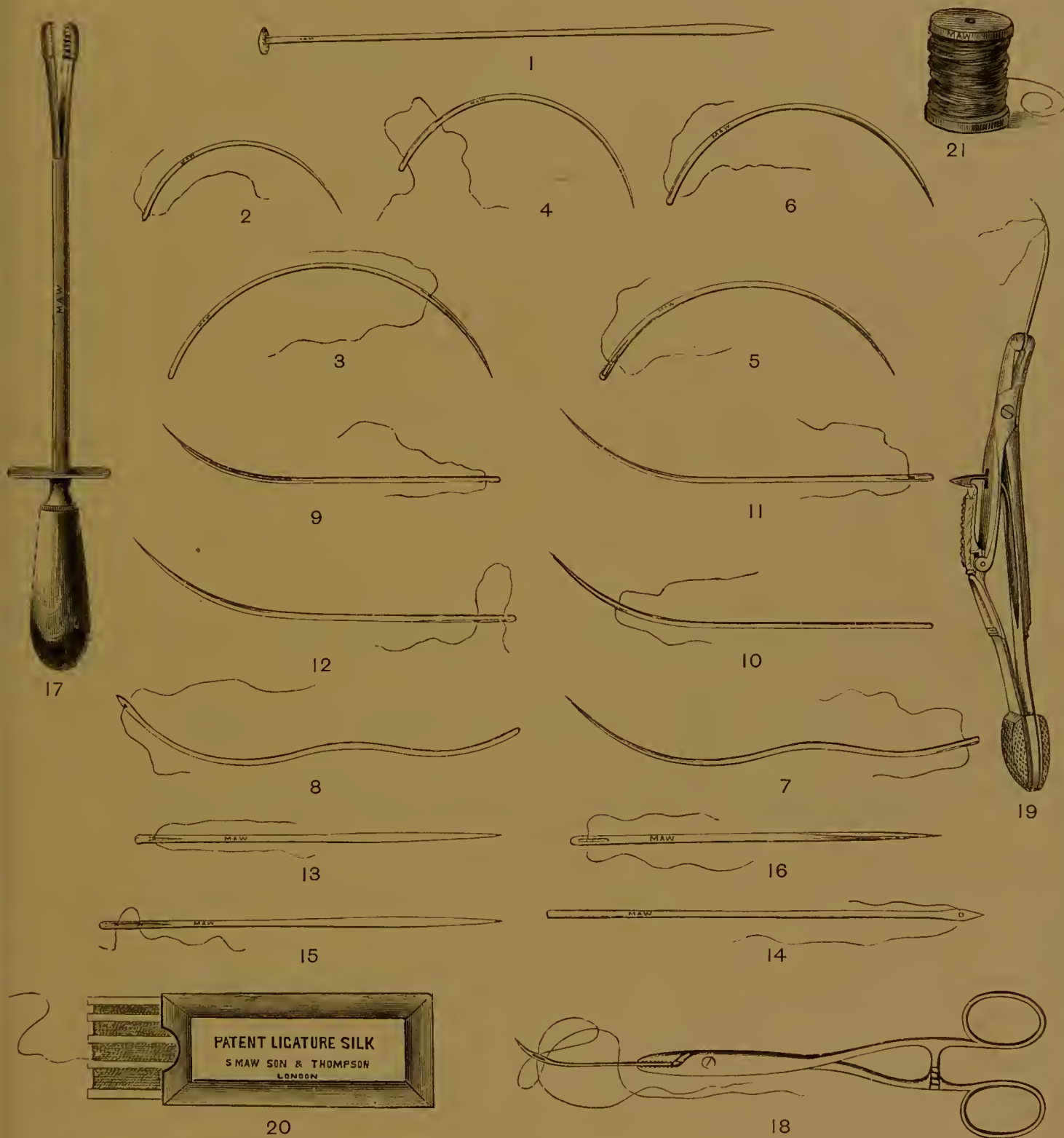
Fig. 4. MAW'S.

Fig. 5. MAW'S, WITH ESMARCH'S BAND.

Fig. 6. MAW'S, "FIELD."

Fig. 7. PETTIT'S, SCREW.

SUTURE NEEDLES AND HOLDERS, LIGATURE SILK AND WIRE.



- Fig. 1. ACUPRESSURE.
 Fig. 2. CRESCENT.
 Fig. 3. CRESCENT (Eye at Point).
 Fig. 4. CRESCENT (Two Eyes).
 Fig. 5. CRESCENT (for Wire).
 Fig. 6. CRESCENT (Triangular).
 Fig. 7. DOUBLE-CURVED.
 Fig. 8. DOUBLE-CURVED (Eye at Point).
 Fig. 9. HALF-CURVED.
 Fig. 10. HALF-CURVED (Eye at Point).
 Fig. 11. HALF-CURVED (for Wire).

- Fig. 12. HALF-CURVED (Two Eyes).
 Fig. 13. STRAIGHT.
 Fig. 14. STRAIGHT (Eye at Point).
 Fig. 15. STRAIGHT (Two Eyes).
 Fig. 16. STRAIGHT (Triangular Point).
 Fig. 17. NEEDLE-HOLDER.
 Fig. 18. NEEDLE-HOLDER.
 Fig. 19. NEEDLE-HOLDER.
 Fig. 20. LIGATURE SILK.
 Fig. 21. LIGATURE WIRE.

SECTION II.

CUPPING, APPARATUS, MINOR OPERATION,
HERNIA, RESECTION, NECROSIS,
AND VACCINATION INSTRUMENTS.

CONTENTS OF SECTION II.

ABSCCESS KNIVES.

BISTOURIES.

CUPPING APPARATUS.

HERNIA INSTRUMENTS.

LISTON'S NEEDLE.

NECROSIS INSTRUMENTS.

RESECTION INSTRUMENTS.

SCALPELS.

SPRING FORCEPS.

TENACULUM.

TENOTOMY KNIVES.

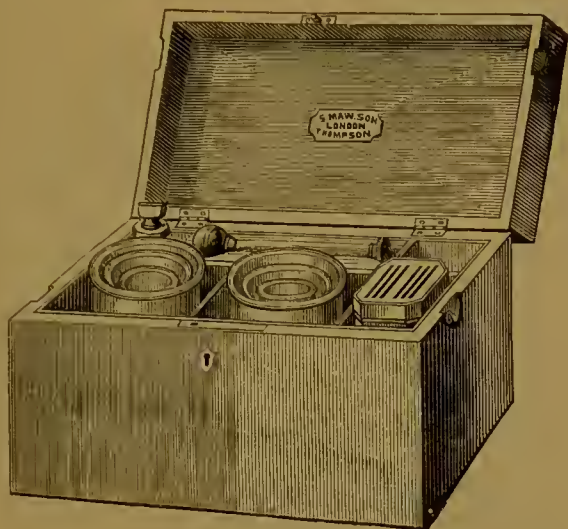
TUMOUR HOOKS.

VACCINATION CASES.

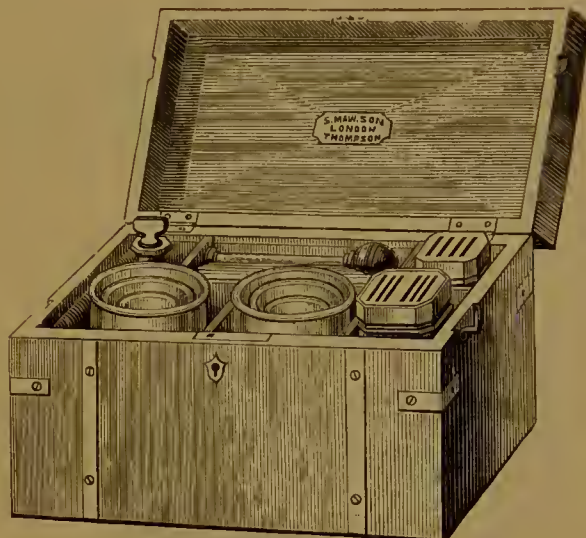
VACCINATION LANCETS.

VACCINATION NEEDLES.

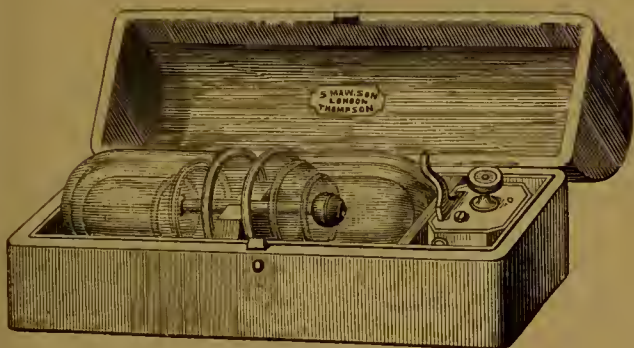
CUPPING APPARATUS.



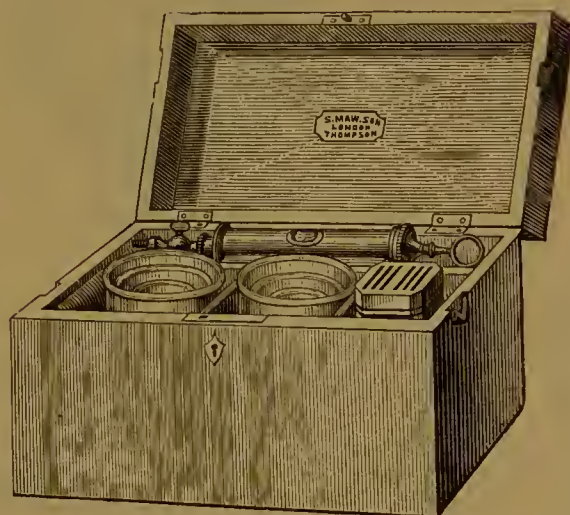
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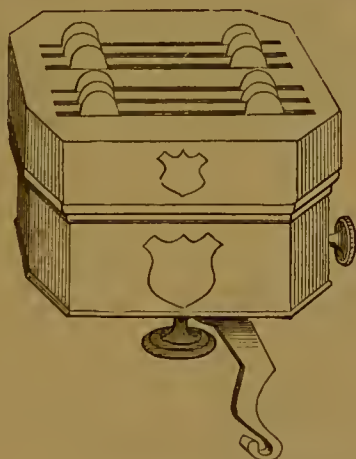
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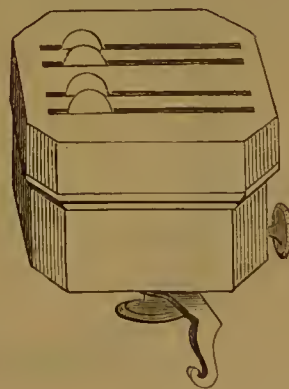
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Fig. 1. SCARIFICATOR, GLASSES, LAMP, AND BOTTLE.

Fig. 2. SCARIFICATOR, GLASSES, LAMP, AND BOTTLE.

Fig. 3. SCARIFICATOR.

Fig. 4. SCARIFICATOR, TEMPLE SCARIFICATOR, GLASSES, LAMP, AND BOTTLE.

Fig. 5. SCARIFICATOR, VALVED GLASSES, AND EXHAUSTING SYRINGE.

Fig. 6. TEMPLE SCARIFICATOR.

DRY CUPPING APPARATUS.

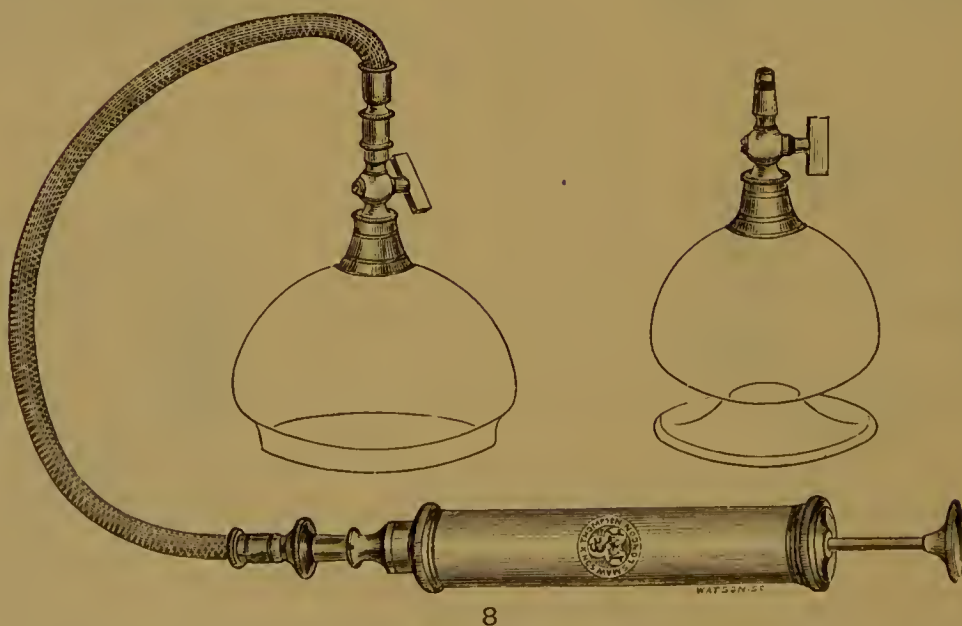
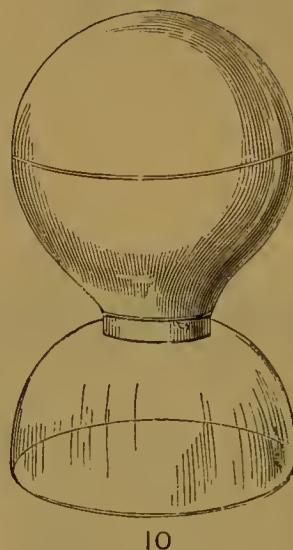
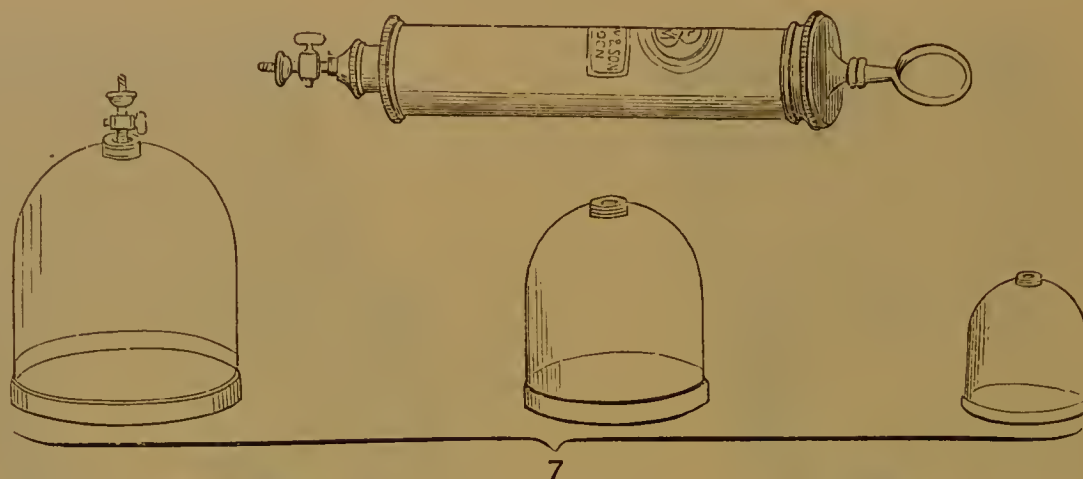


Fig. 7. EXHAUSTING SYRINGE AND VALVED GLASSES.

Fig. 8. EXHAUSTING SYRINGE AND GLASSES WITH STOPCOCKS.

Fig. 9. CUPPING GLASS WITH INDIA-RUBBER BALL.

Fig. 10. CUPPING GLASS WITH INDIA-RUBBER BALL.

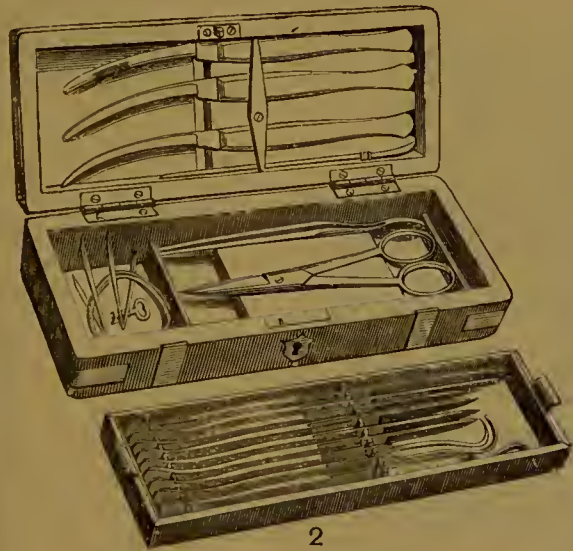
MINOR OPERATION INSTRUMENTS.



1



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2



WATSON & CO

FIG. 1.

BISTOURIES, CURVED (Two)	NEEDLE, ANEURISM.
BISTOURY, STRAIGHT.	NEEDLES AND SILK.
DIRECTOR.	SCALPELS (Four).
FORCEPS, ARTERY.	SCISSORS.
FORCEPS, DISSECTION.	TENACULUM.
KNIFE, HERNIA.	TUMOUR HOOK.

FIG. 2.

BISTOURIES, CURVED (Two)	LIGATURE SILK.
BISTOURIES, STRAIGHT (Two).	NEEDLE, ANEURISM.
DIRECTOR.	NEEDLES, SUTURE.
FORCEPS, ARTERY.	SCALPELS (Four).
FORCEPS, DISSECTION.	SCISSORS.
KNIFE, HERNIA.	TENACULUM.
	TUMOUR HOOK.

FIG. 3.

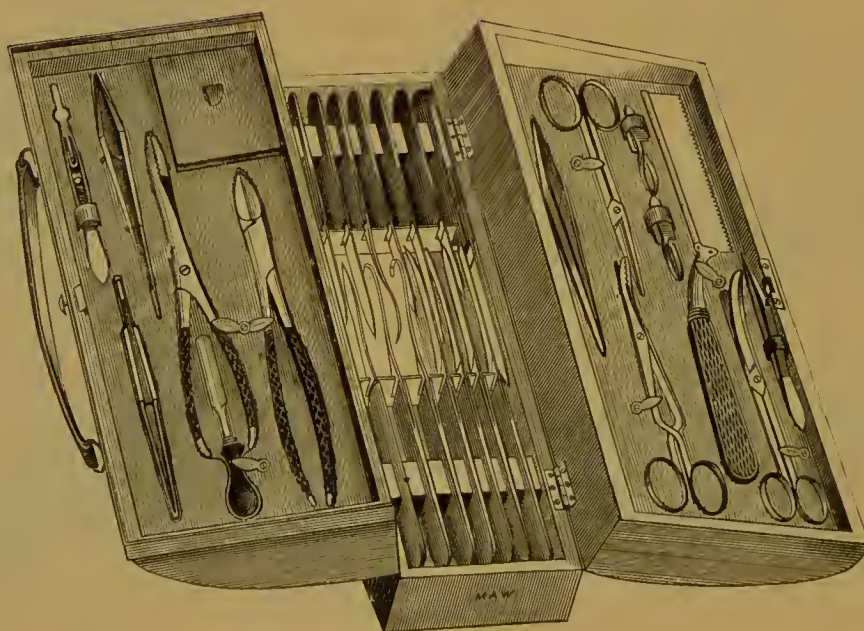
BISTOURIES, CURVED (Two).	LIGATURE SILK.
BISTOURIES, STRAIGHT (Two).	NEEDLE, ANEURISM.
DIRECTOR.	NEEDLES, NÆVUS (Two)
FORCEPS, ARTERY.	NEEDLES, SUTURE.
FORCEPS, DISSECTION.	SCALPELS (Two).
KNIFE, HERNIA.	SCISSORS.
	TENACULUM.
	TENOTOMY KNIFE.

FIG. 4.

BISTOURIES, CURVED (Two).	FORCEPS, DISSECTION.
BISTOURY, STRAIGHT.	LIGATURE SILK.
CATLIN.	NEEDLES, SUTURE.
DIRECTOR.	SAW.
FORCEPS, ARTERY.	SCALPELS (Two).
	SCISSORS.

MINOR OPERATION INSTRUMENTS (*Continued*).

5



6

FIG. 5.

BISTOURIES, CURVED (Two).
 BISTOURIES, STRAIGHT (Two).
 CATHETER, MALE AND FEMALE.
 CAUSTIC CASE & TROCAR.
 DIRECTOR, HERNIA.
 FORCEPS, ARTERY.
 FORCEPS, BONE.
 FORCEPS, SPRING.
 FORCEPS, TORSION.
 FORCEPS, URETHRA.
 HYPODERMIC SYRINGE.
 NEEDLE, NÆVUS.
 NEEDLES, SILK, & WIRE.
 PLUG FOR EPISTAXIS.
 SAW.
 SCALPELS (Five).
 SCISSORS (Two).
 TENACULUM.
 TRACHEOTOMY HOOKS (Two).
 TROCAR, ASCITES.
 TROCAR, TRACHEOTOMY, DURHAM'S.

FIG. 6.

BISTOURIES, CURVED (Two).
 BISTOURIES, STRAIGHT (Two).
 DIRECTOR, HERNIA.
 FORCEPS, BONE.
 FORCEPS, "BULL DOG" (Two).
 FORCEPS, GOUGE.
 FORCEPS, POLYPUS.
 FORCEPS, SEQUESTRATION.
 FORCEPS, TORSION.
 FORCEPS, WITH SPRING.
 KNIFE, HERNIA.
 NEEDLE, ANEURISM.
 NEEDLE, NÆVUS.
 NEEDLE, SUTURE.
 SAW.
 SCALPELS (Four).
 SCISSORS (Two).
 SILK.
 TENACULUM.
 WIRE.

MINOR OPERATION INSTRUMENTS (Continued).

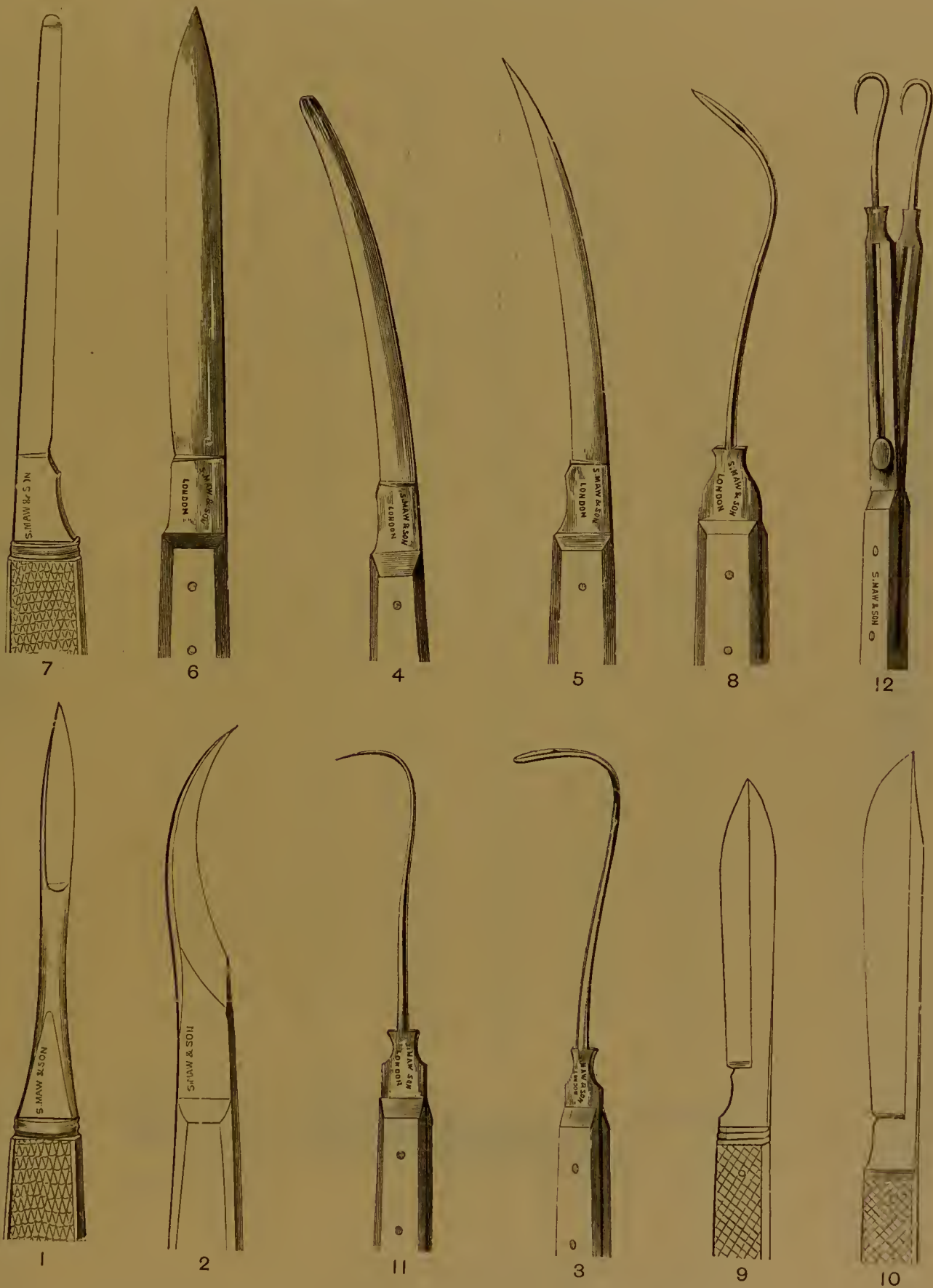
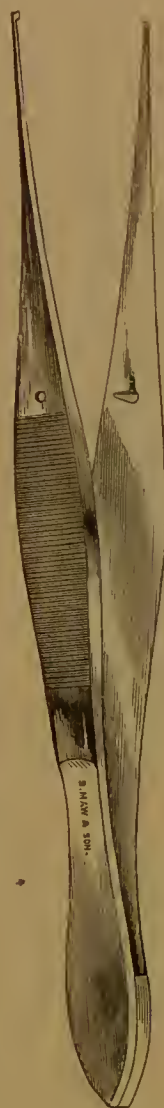


Fig. 1. AESSCESS KNIFE, PAGET'S.
Fig. 2. ABSCESS KNIFE, SYME'S.
Fig. 3. ANEURISM NEEDLE.
Fig. 4. BISTOURY.

Fig. 5. BISTOURY.
Fig. 6. BISTOURY.
Fig. 7. BISTOURY.
Fig. 8. LISTON'S NEEDLE.

Fig. 9. SCALPEL.
Fig. 10. SCALPEL.
Fig. 11. TENACULUM.
Fig. 12. TUMOUR HOOK.

MINOR OPERATION INSTRUMENTS (*Continued*).

17



18



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21



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23



14



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15



16

- Fig. 13. FORCEPS, BROAD POINTS.
 Fig. 14. FORCEPS, SERRATED POINTS.
 Fig. 15. FORCEPS, SERRATED POINTS.
 Fig. 16. FORCEPS, TENACULUM POINTS.
 Fig. 17. FORCEPS, TENACULUM POINTS.
 Figs. 18. } KNIVES FOR TENOTOMY (ADAMS').
 to 23. }

HERNIA INSTRUMENTS.

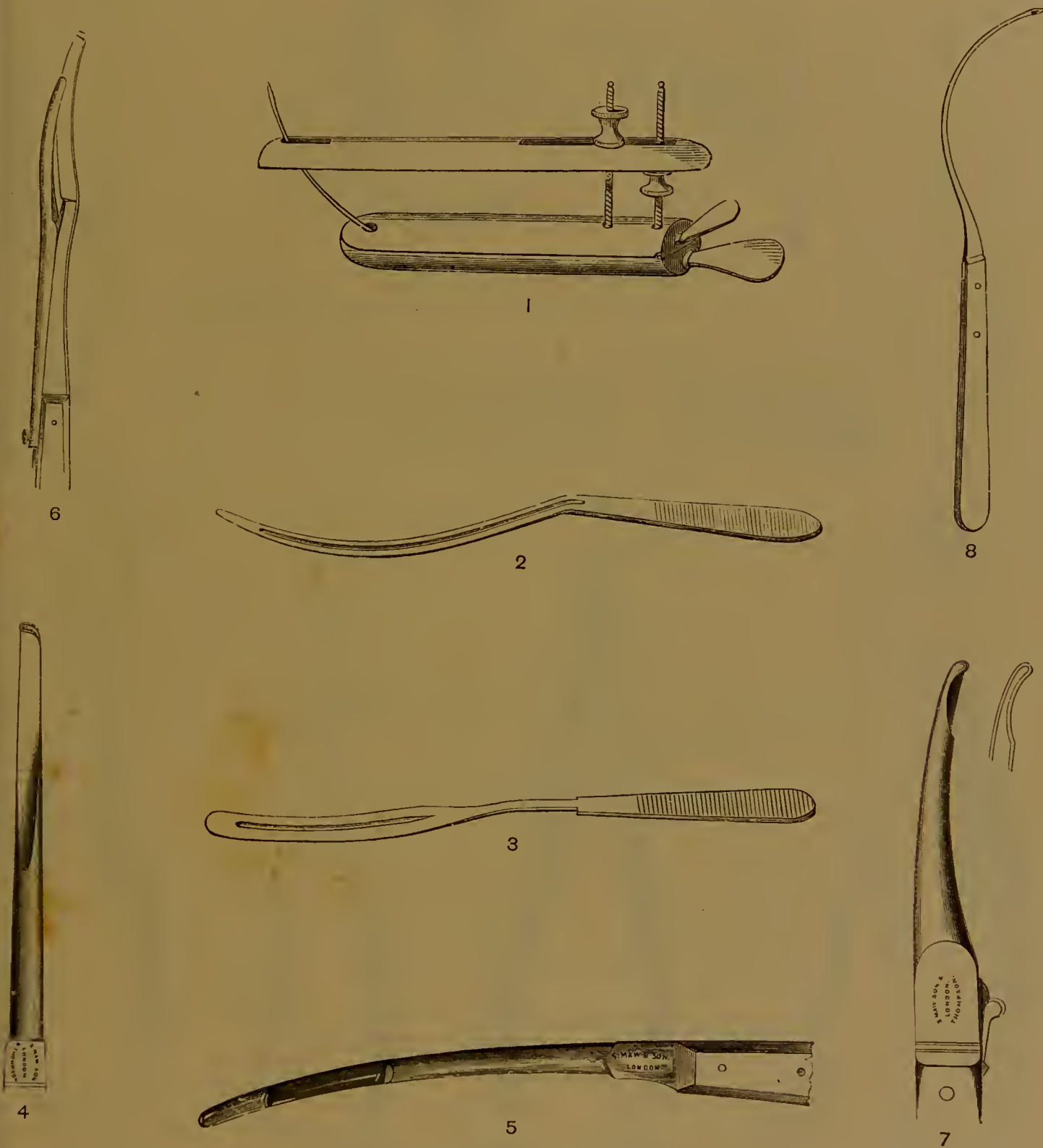


Fig. 1. DAVIS' INSTRUMENT FOR THE
RADICAL CURE.

Fig. 2. DIRECTOR, SKEY'S.

Fig. 3. DIRECTOR, STANLEY'S.

Fig. 4. KNIFE.

Fig. 5. KNIFE.

Fig. 6. KNIFE, GUARDED.

Fig. 7. KNIFE, GUARDED.

Fig. 8. NEEDLE, WOOD'S.

RESECTION AND NECROSIS INSTRUMENTS.

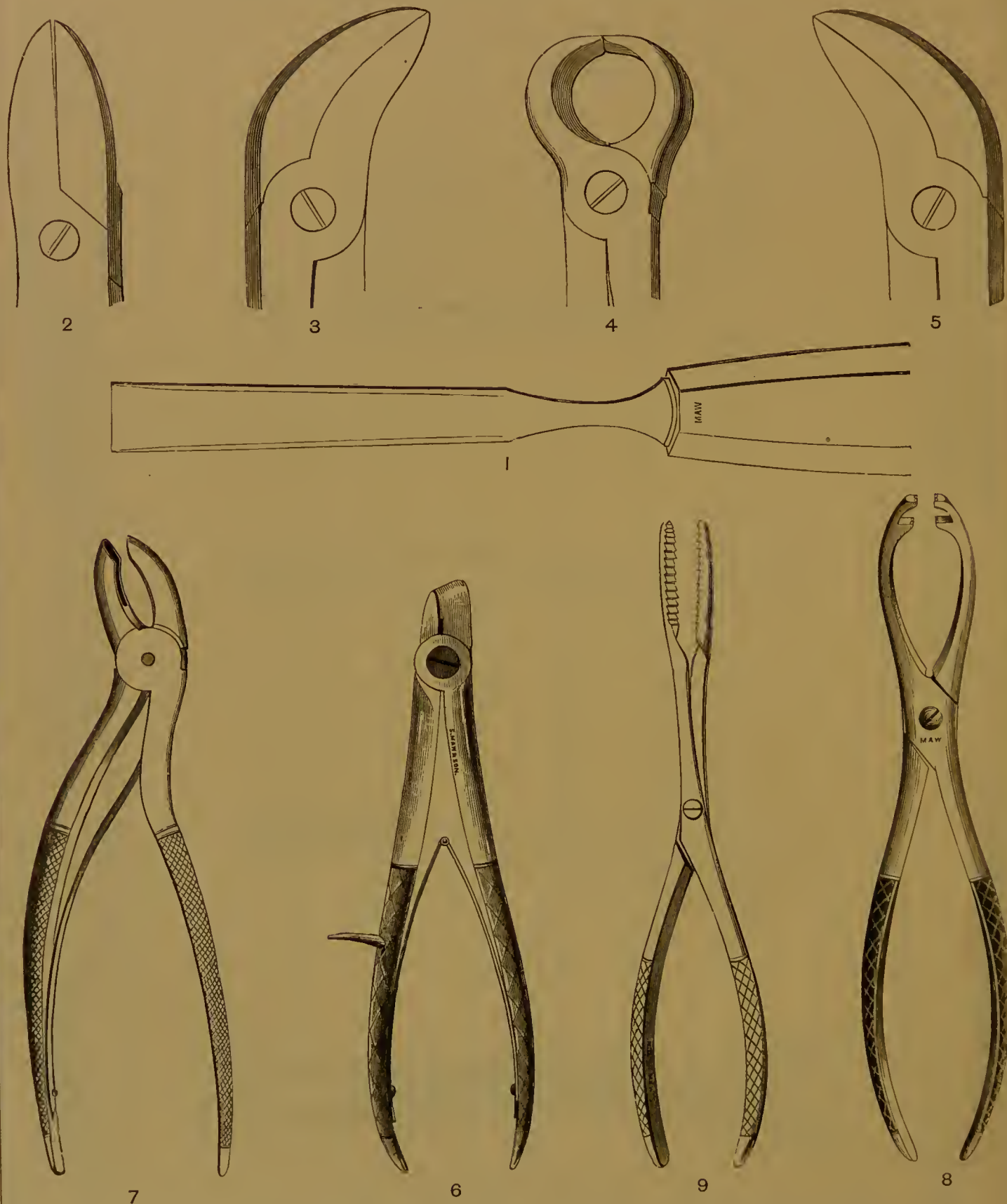


Fig. 1. MAUNDER'S CHISEL FOR THE NECK OF THE FEMUR.

Fig. 2. FORCEPS, FERGUSON'S.

Fig. 3. FORCEPS, FERGUSON'S.

Fig. 4. FORCEPS, FERGUSON'S.

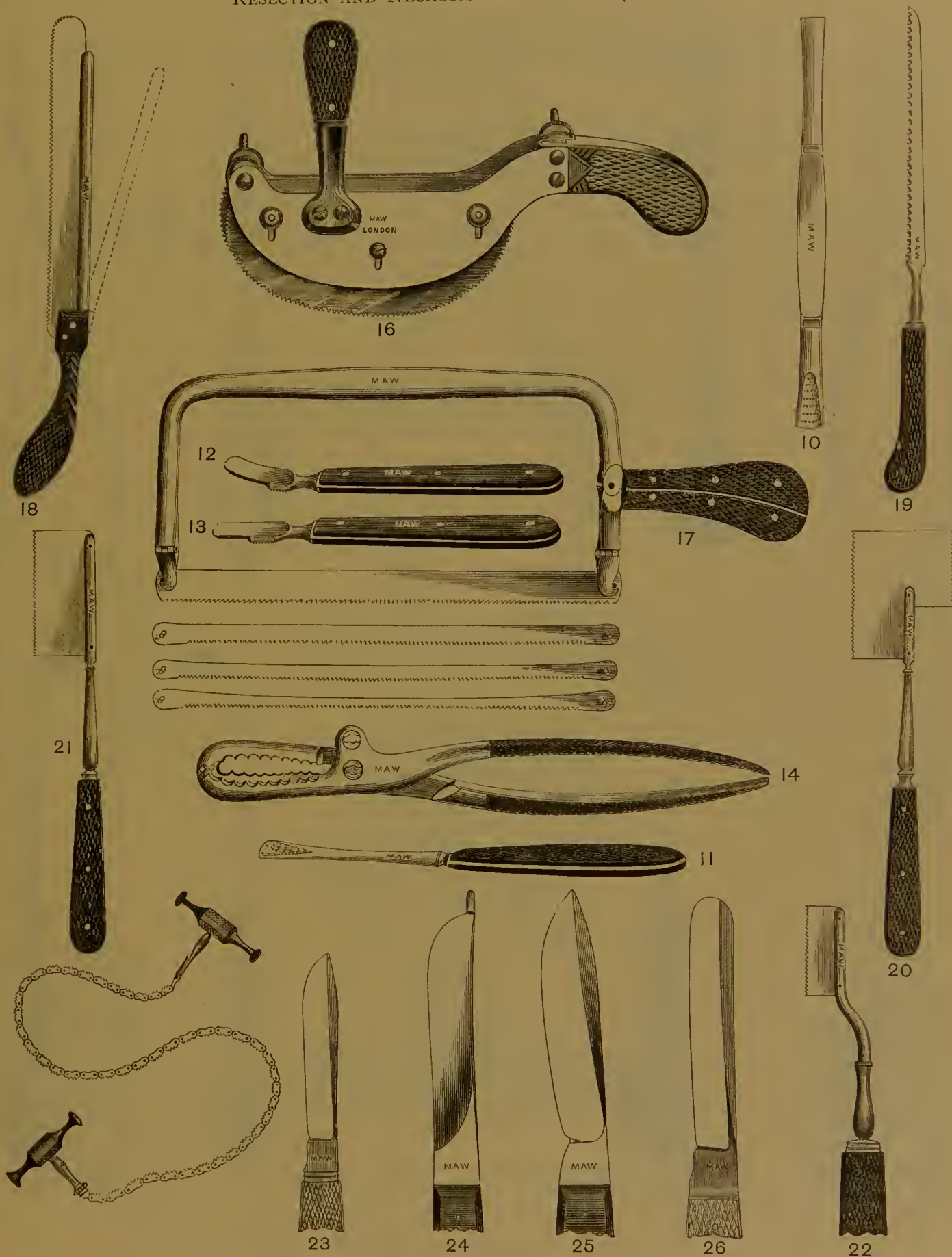
Fig. 5. FORCEPS, FERGUSON'S.

Fig. 6. FORCEPS, GOUGE, HOFFMAN'S.

Fig. 7. FORCEPS, GOUGE, MAW'S.

Fig. 8. FORCEPS, LION, FERGUSON'S.

Fig. 9. FORCEPS, NECROSIS.

RESECTION AND NECROSIS INSTRUMENTS (*Continued*).

Figs. 10 to 13. ELEVATORS.

Fig. 14. FORCEPS, WITH IMPROVED JOINT.

Fig. 15. SAW, CHAIN.

Fig. 16. SAW, DOUBLE BLADES, FOR SPINE.

Fig. 17. SAW, WITH REVOLVING FRAME.

Fig. 18. SAW, WITH SHIFTING BACK.

Fig. 19. SAW, FINE NARROW BLADE.

Figs. 20 to 22. SAWS, NECROSIS.

Figs. 23 to 26. KNIVES.

RESECTION AND NECROSIS INSTRUMENTS (*Continued*).

Fig. 27. CHISEL.

Fig. 28. GOUGE.

Fig. 29. GOUGE.

Fig. 30. GOUGE.

Fig. 31. FORCEPS, GOUGE.

Fig. 32. FORCEPS, NECROSIS.

Fig. 33. FORCEPS, SKULL.

Fig. 34. OSTEOTRIBE, MARSHALL'S.

Fig. 35. SAW, SKULL.

Fig. 36. TREPHINES (Set of Three).

VACCINATION INSTRUMENTS.

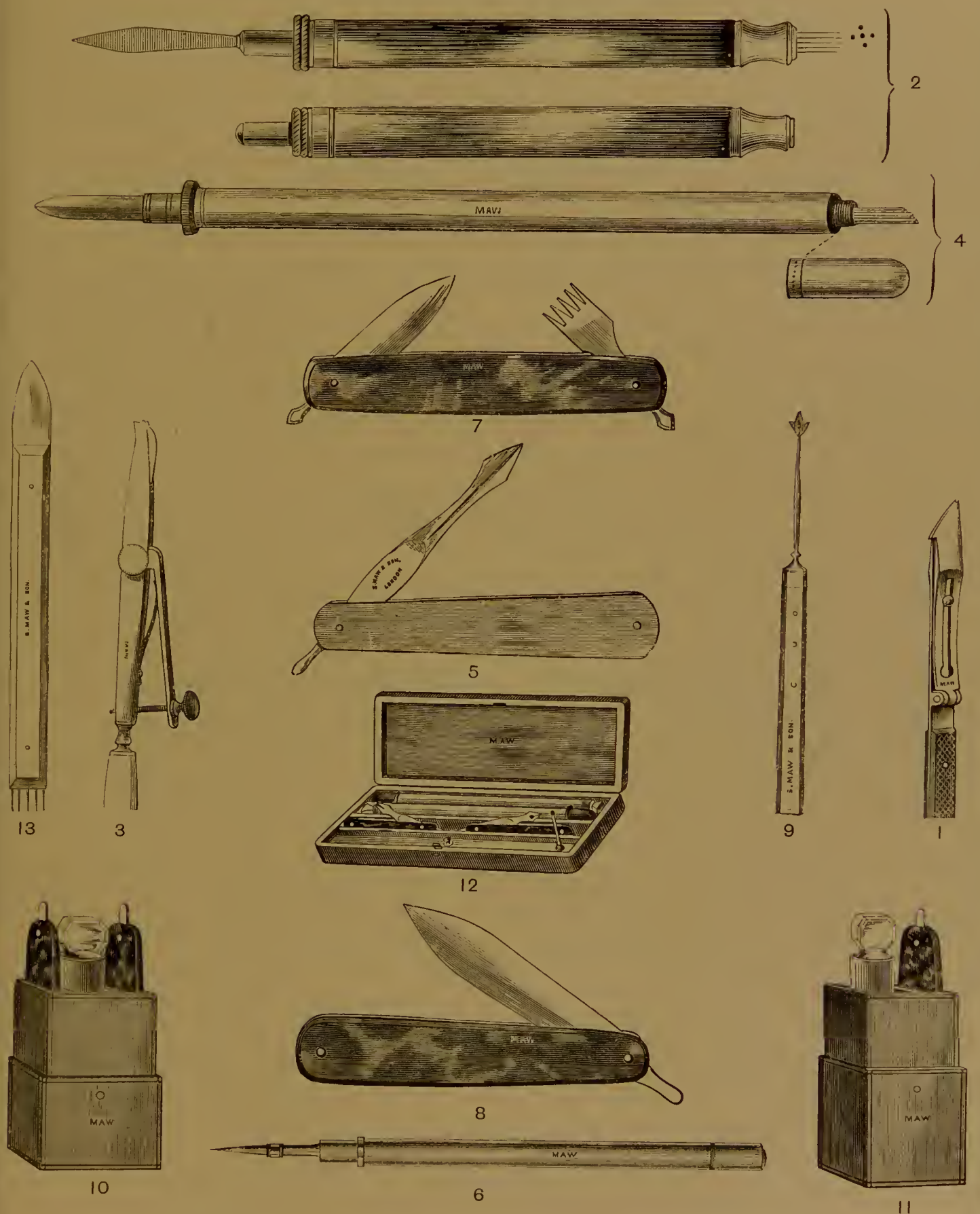


Fig. 1. BRAITHWAITE'S.
 Fig. 2. COOPER ROSE'S.
 Fig. 3. DOUBLE BLADE.
 Fig. 4. EVANS'.

Fig. 5. GROOVED.
 Fig. 6. HILLIARD'S.
 Fig. 7. MAW'S.
 Fig. 8. PLAIN.

Fig. 9. SPRATLEY'S.
 Fig. 10. VACCINE CASE.
 Fig. 11. VACCINE CASE.
 Fig. 12. VACCINE CASE, COUSINS'.
 Fig. 13. WEIR'S.

SECTION III.



POCKET DRESSING INSTRUMENTS.

CONTENTS OF SECTION III.

ABSCCESS KNIVES.
BISTOURIES.
CATHETERS.
CAUSTIC CASES.
CORN INSTRUMENTS.
DIRECTORS.
EXPLORING NEEDLES.

EXPLORING TROCARS.
FORCEPS.
KNIVES.
LANCETS.
NEEDLES, ANEURISM.
NEEDLES, SUTURE.

POCKET CASES.
PROBES.
SCISSORS.
SPATULAS.
TENACULUM.
TROCARS.

POCKET DRESSING INSTRUMENTS.

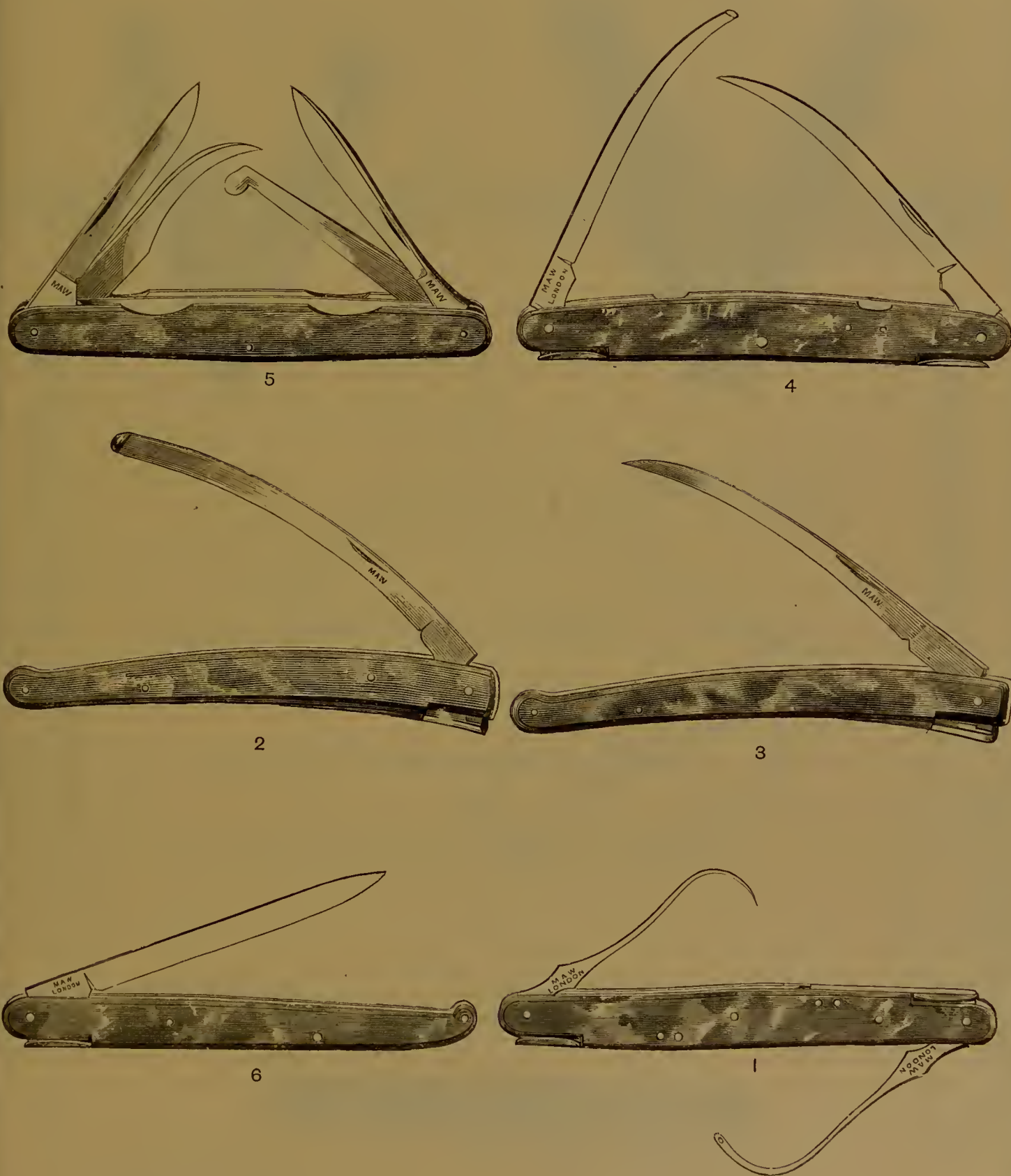


Fig. 1. ANEURISM NEEDLE AND TENACULUM.

Fig. 2. BISTOURY, PROBE.

Fig. 3. BISTOURY, SHARP.

Fig. 4. BISTOURY, PROBE AND SHARP.

Fig. 5. BISTOURY AND GENERAL OPERATION KNIVES.

Fig. 6. BISTOURY, STRAIGHT.

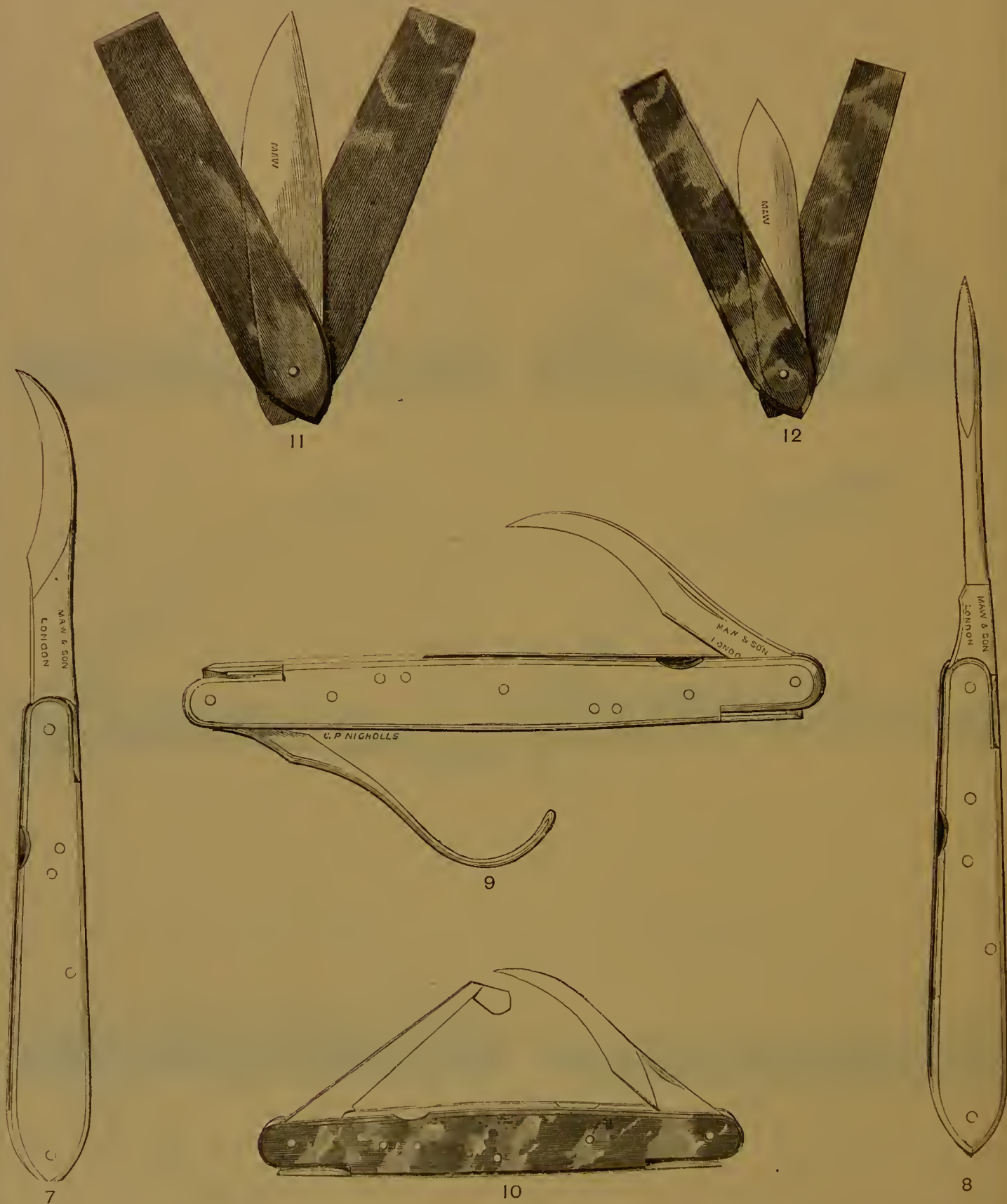
POCKET DRESSING INSTRUMENTS (*Continued*).

Fig. 7. ABSCESS KNIFE.

Fig. 8. ABSCESS KNIFE.

Fig. 9. ABSCESS KNIFE AND ANEURISM NEEDLE.

Fig. 10. ABSCESS KNIFE AND GUM LANCET.

Fig. 11. ABSCESS LANCET.

Fig. 12. BLEEDING LANCET.

POCKET DRESSING INSTRUMENTS (Continued).

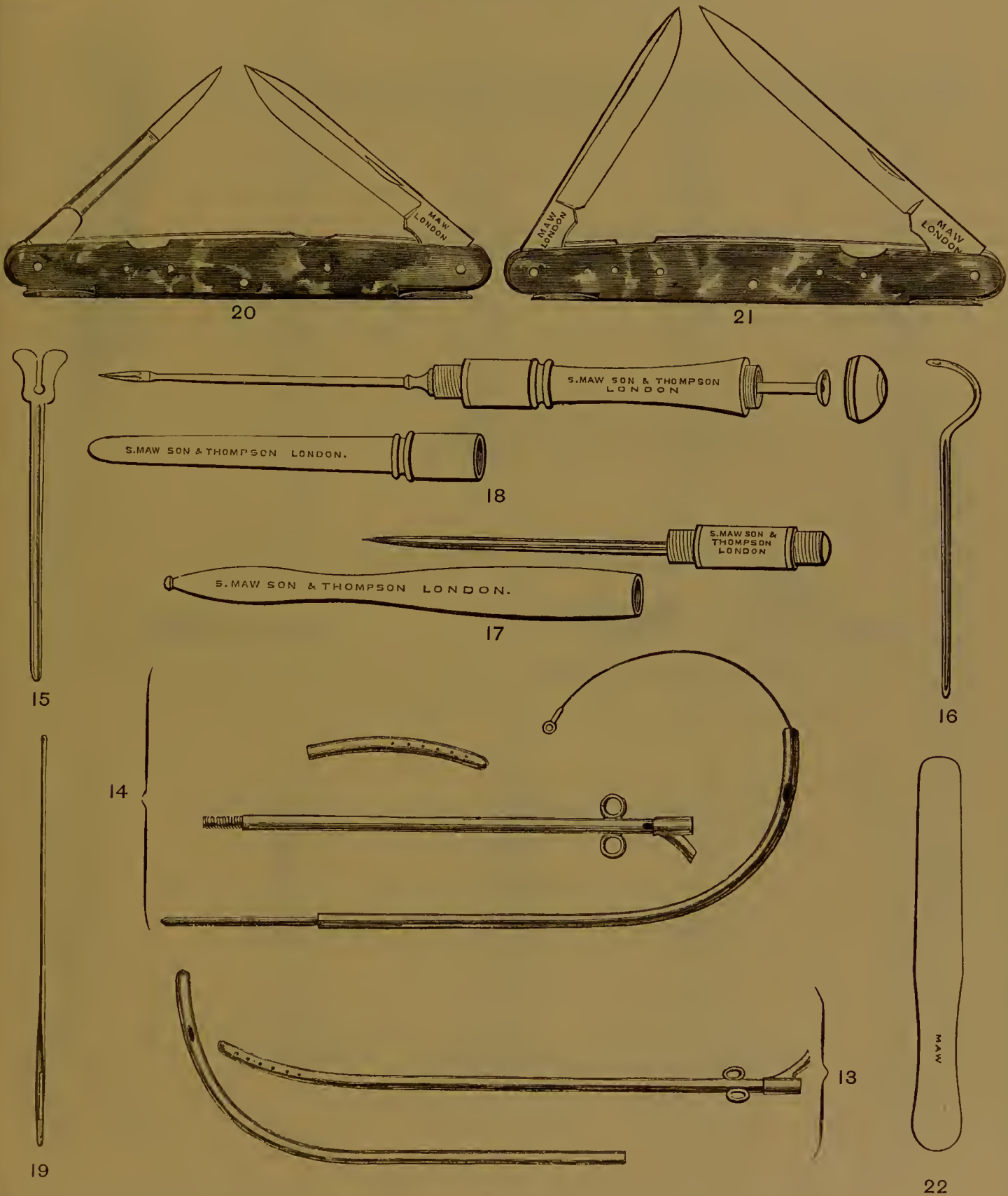


Fig. 13. CATHETER, MALE AND FEMALE.
Fig. 14. CATHETER, MALE AND FEMALE, WITH
NASAL PLUG.
Fig. 15. DIRECTOR.
Fig. 16. DIRECTOR AND ANEURISM NEEDLE.

Fig. 17. EXPLORING NEEDLE.
Fig. 18. EXPLORING TROCAR.
Fig. 19. PROBE.
Fig. 20. SCALPEL AND ABSCESS KNIFE.
Fig. 21. SCALPEL AND BISTOURY.
Fig. 22. SPATULA.

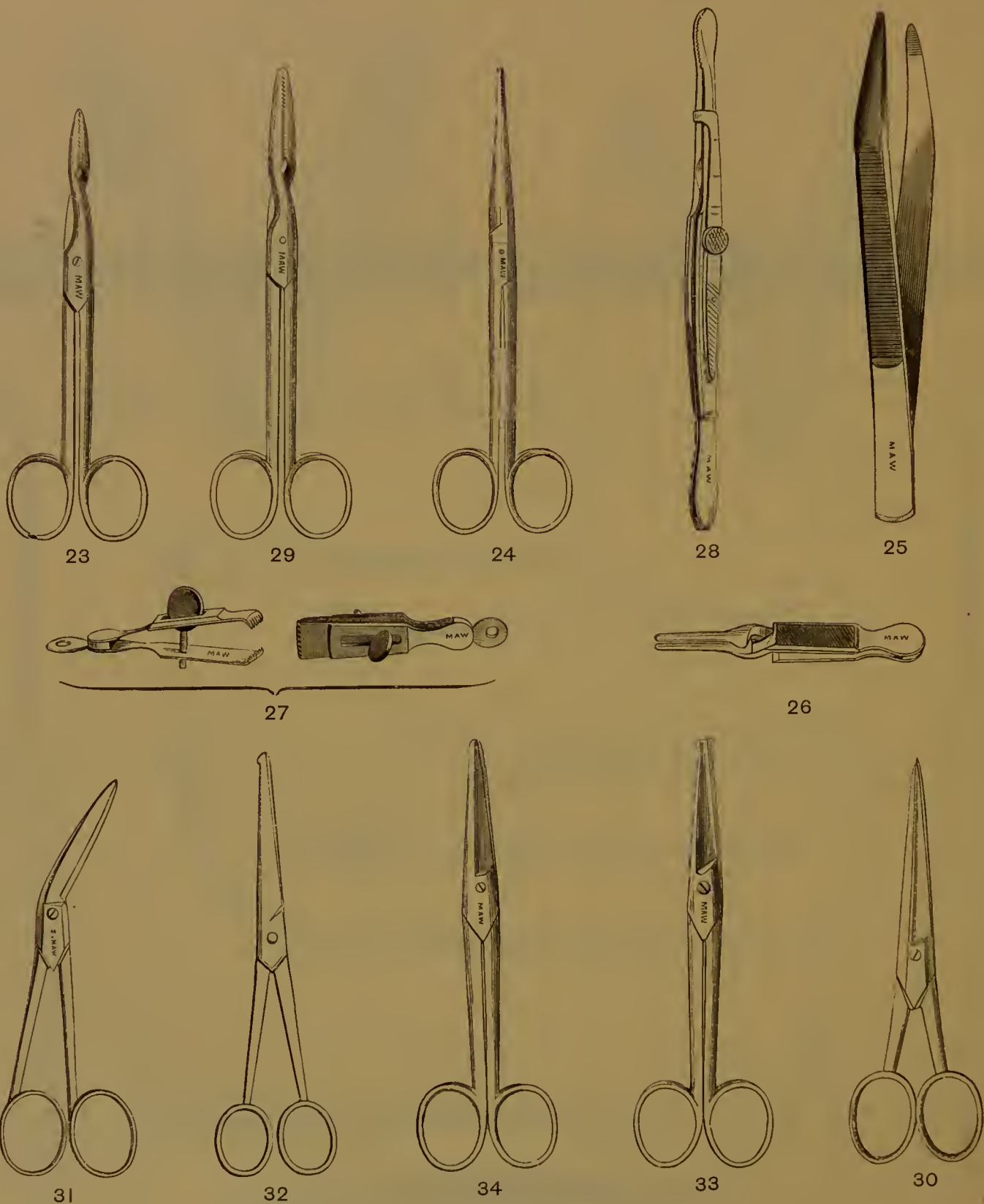
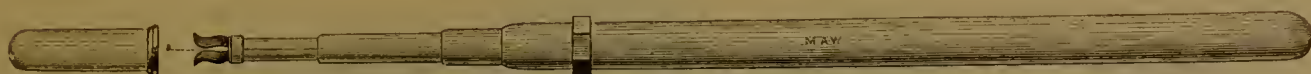
POCKET DRESSING INSTRUMENTS (*Continued*).

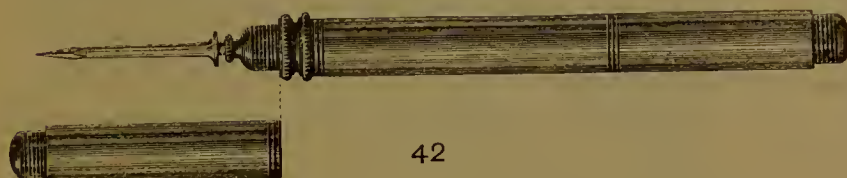
Fig. 23. FORCEPS, DRESSING.
 Fig. 24. FORCEPS, DRESSING.
 Fig. 25. FORCEPS, DRESSING.
 Fig. 26. FORCEPS, ARTERY.
 Fig. 27. FORCEPS, ARTERY.
 Fig. 28. FORCEPS, TORSION.

Fig. 29. FORCEPS, TORSION.
 Fig. 30. SCISSORS, DRESSING.
 Fig. 31. SCISSORS, CURVED.
 Fig. 32. SCISSORS, SINGLE PROBE POINT.
 Fig. 33. SCISSORS, DOUBLE PROBE POINTS.
 Fig. 34. SCISSORS, ROUND POINTS.

POCKET DRESSING INSTRUMENTS (*Continued*).



38



42



43



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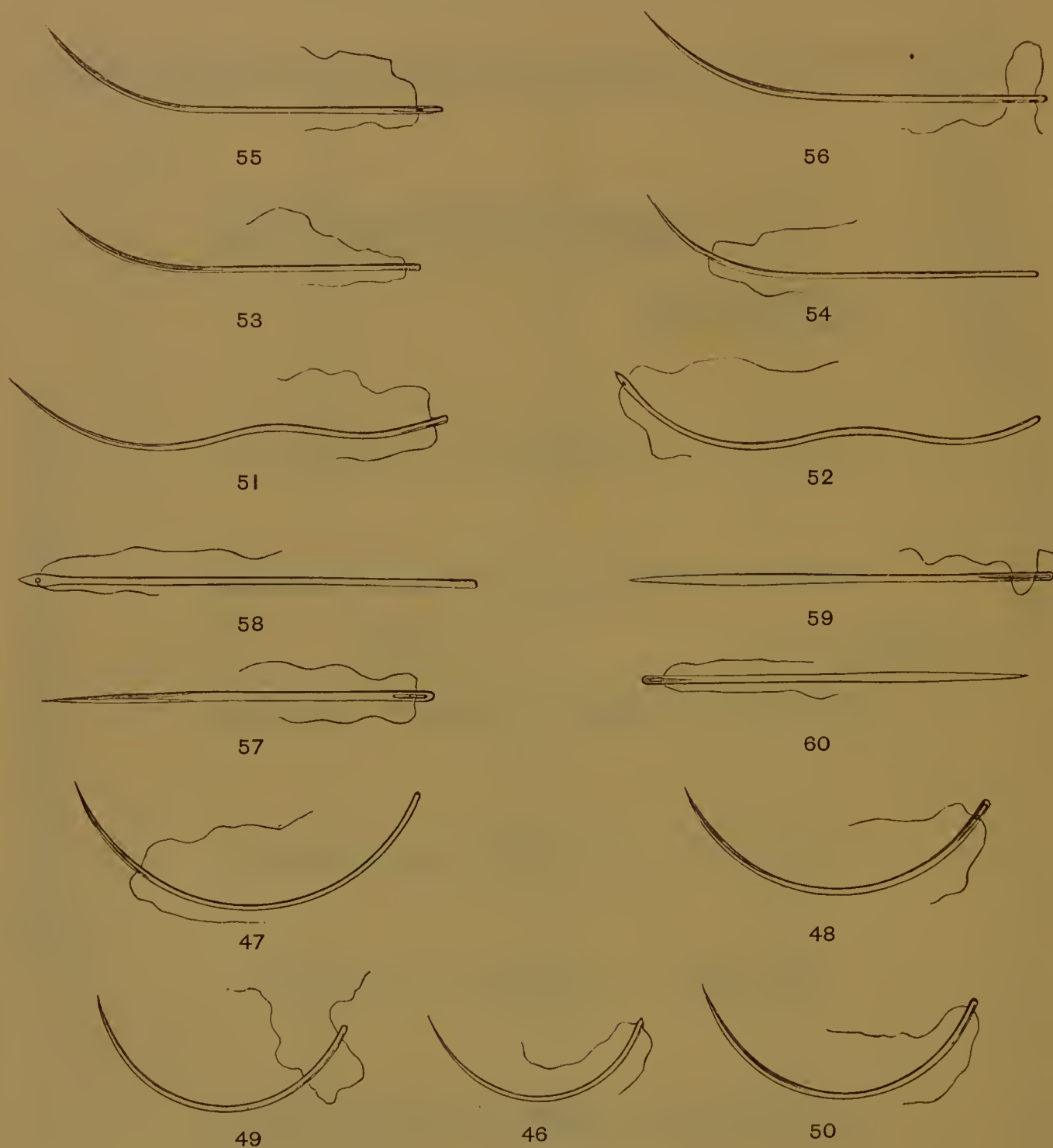


37

CAUSTIC CASES, EXPLORING NEEDLE, AND TROCAR.

- Fig. 35. EBONY, GILT CRAYON.
 Fig. 36. SILVER, GILT CRAYON.
 Fig. 37. SILVER, PROPELLING CRAYON.
 Fig. 38. SILVER, PROPELLING CRAYON.
 Fig. 39. SILVER, AND PRECIPITATE CASE.
 Fig. 40. SILVER, SEAMLESS TUBE.

- Fig. 41. SILVER, WITH EXPLORING NEEDLE.
 Fig. 42. SILVER, WITH EXPLORING TROCAR.
 Fig. 43. SILVER, SELF-ACTING CRAYON.
 Fig. 44. SILVER, TELESCOPE TUBE.
 Fig. 45. SILVER, WITH TWO CRAYONS AND EYE
 SPUD.

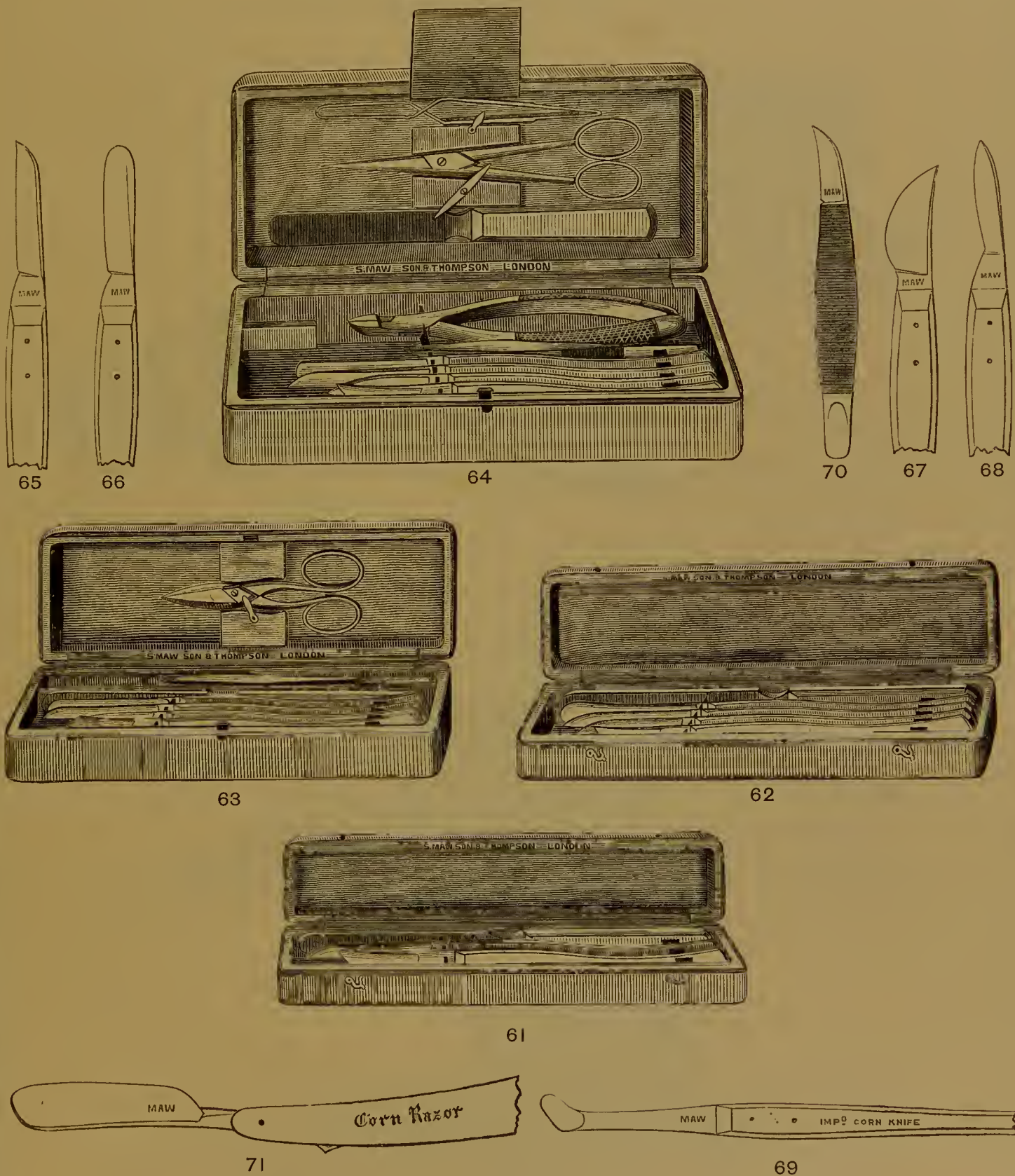
POCKET DRESSING INSTRUMENTS (*Continued*).

NEEDLES.

- Fig. 46. CRESCENT.
 Fig. 47. CRESCENT (Eye at Point).
 Fig. 48. CRESCENT (for Wire).
 Fig. 49. CRESCENT (Two Eyes).
 Fig. 50. CRESCENT (Triangular Point).
 Fig. 51. DOUBLE-CURVED.
 Fig. 52. DOUBLE-CURVED (Eye at Point).
 Fig. 53. HALF-CURVED.

- Fig. 54. HALF-CURVED (Eye at Point).
 Fig. 55. HALF-CURVED (for Wire).
 Fig. 56. HALF-CURVED (Two Eyes).
 Fig. 57. STRAIGHT.
 Fig. 58. STRAIGHT (Eye at Point).
 Fig. 59. STRAIGHT (Two Eyes).
 Fig. 60. STRAIGHT (Triangular Point).

POCKET DRESSING INSTRUMENTS (*Continued*).



CORN CASES, KNIVES, ETC.

Fig. 61. TWO KNIVES AND FILE.
 Fig. 62. FOUR KNIVES AND FILE.
 Fig. 63. FOUR KNIVES, FILE, SPRING
 FORCEPS, AND SCISSORS.

Fig. 64. FIVE KNIVES, CORN FILE,
 NAIL NIPPERS, DOUBLE TENA-
 CULUM, NAIL SCISSORS, AND
 SPRING FORCEPS.

Figs. 65 } KNIVES.
 to 69. }
 Fig. 70. FILE.
 Fig. 71. RAZOR.

POCKET CASES.

THE KNIVES IN SKELETON TORTOISESHELL HANDLES.

FIG. 1 SET.

ABSCCESS LANCET.		SCISSORS, CURVED.
BISTOURY.		SCISSORS, STRAIGHT.
DIRECTOR AND PROBES.		SETON NEEDLE.
FORCEPS, DRESSING.		SPATULA.
GUM LANCET.		SUTURE NEEDLES AND SILK.
SCALPEL.		TENACULUM.

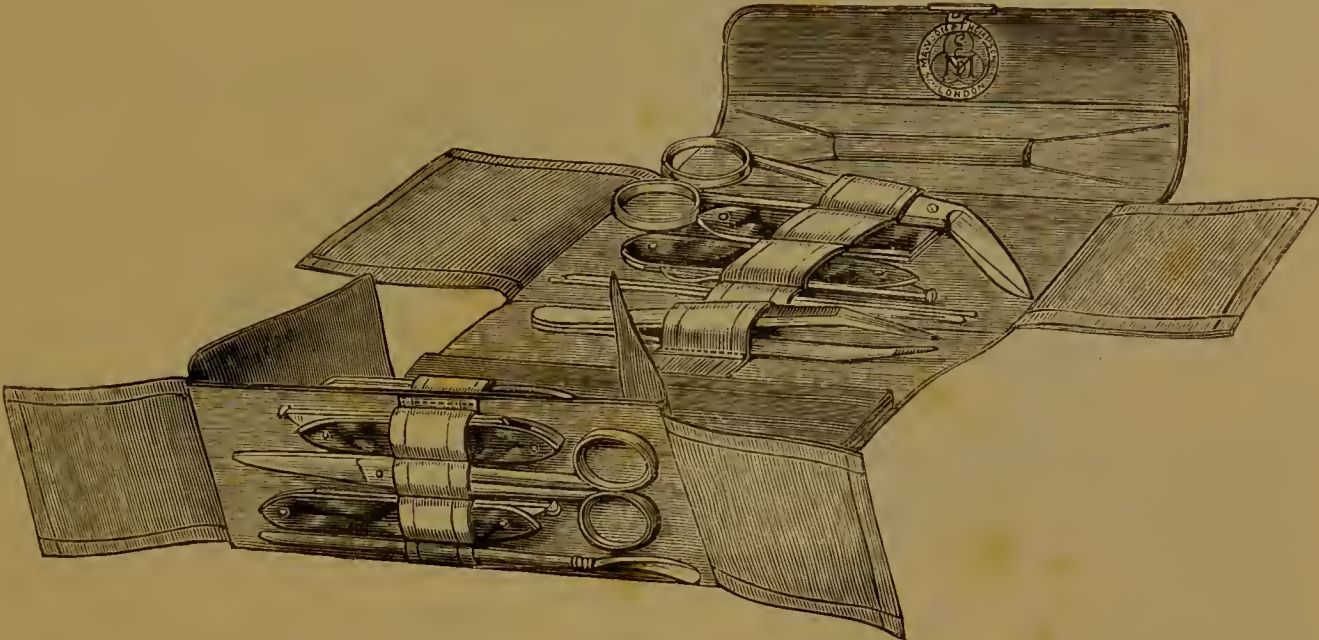
FIG. 2 SET.

ABSCCESS LANCET.		GUM LANCET.
BISTOURY.		PROBES.
CAUSTIC CASE.		SCALPEL.
DIRECTOR.		SCISSORS, STRAIGHT.
FORCEPS, DRESSING.		SUTURE NEEDLES AND SILK.

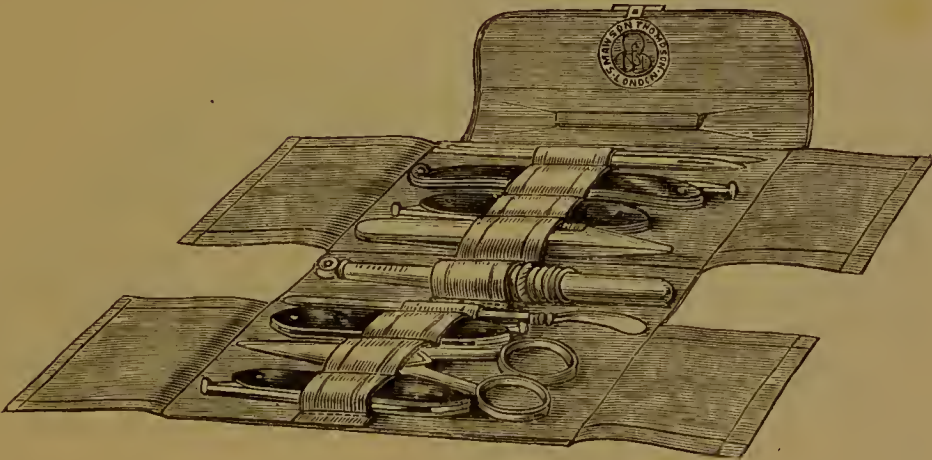
FIG. 3 SET.

ABSCCESS LANCET.		PROBES.
BISTOURY.		SCALPEL.
FORCEPS, DRESSING.		SCISSORS, STRAIGHT.
GUM LANCET.		SUTURE NEEDLES AND SILK.

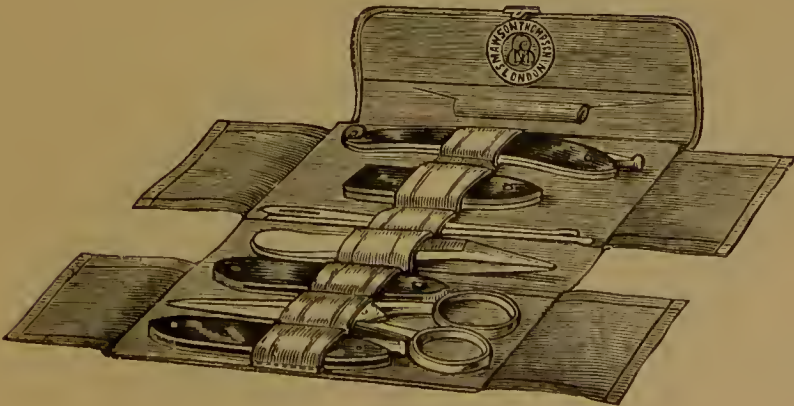
POCKET CASES.



1



2



3

POCKET CASES.

THE KNIVES IN TORTOISESHELL HANDLES, WITH FRENCH LOCKS.

FIG. 4 SET.

BISTOURIES (Two).
 CATHETER, FEMALE.
 CAUSTIC CASE, SILVER.
 DIRECTOR.
 EXPLORING TROCAR.
 FORCEPS, ARTERY.
 FORCEPS, DRESSING.

PROBES.
 SCALPEL AND BISTOURY.
 SCISSORS.
 SPATULA.
 SUTURE NEEDLES AND SILK.
 SYME'S KNIFE AND GUM LANCET.

FIG. 5 SET.

BISTOURIES (Two).
 CAUSTIC CASE, SILVER.
 DIRECTOR.
 EXPLORING TROCAR.
 FORCEPS, ARTERY.
 FORCEPS, DRESSING (Two).

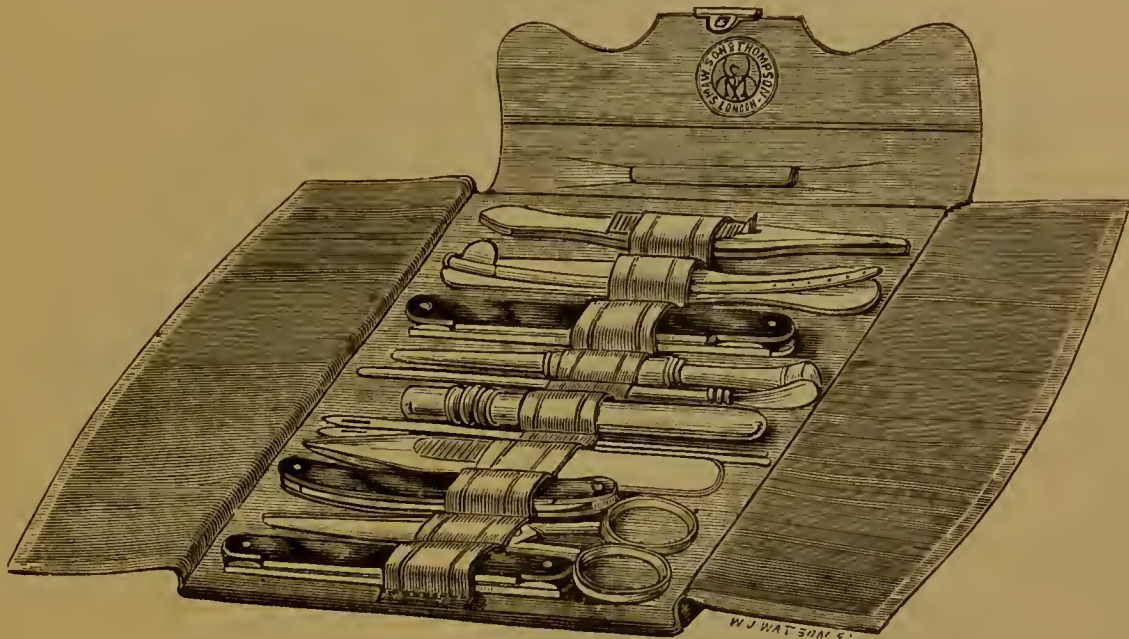
PROBES.
 SCALPEL AND STRAIGHT BISTOURY.
 SCISSORS.
 SPATULA.
 SUTURE NEEDLES AND SILK.
 SYME'S KNIFE AND GUM LANCET.

FIG. 6 SET.

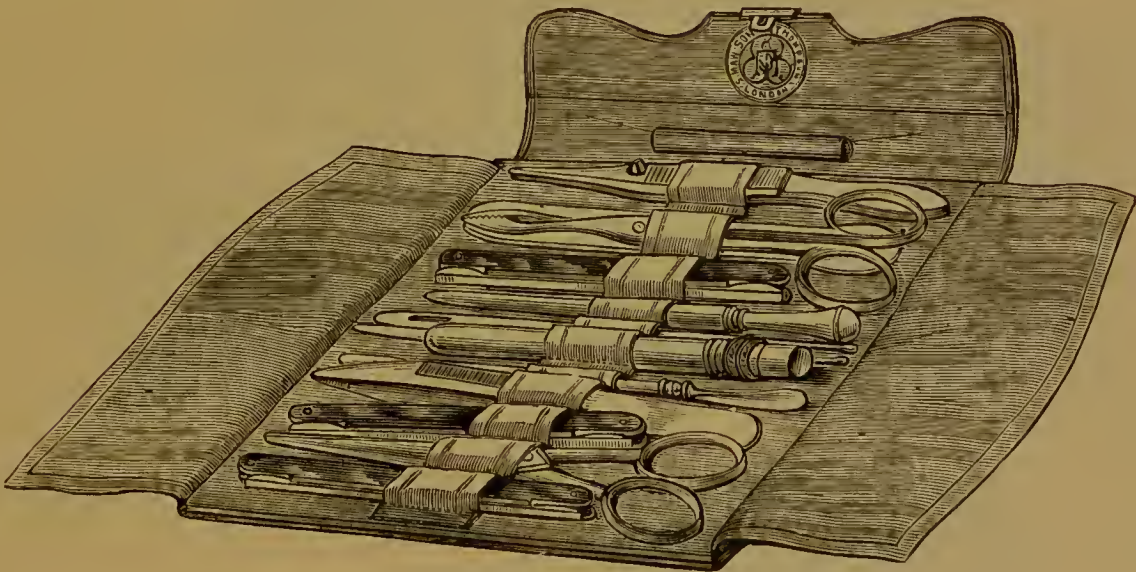
BISTOURIES (Two).
 CAUSTIC CASE, SILVER.
 DIRECTOR.
 FORCEPS, ARTERY.
 FORCEPS, DRESSING.

PROBE.
 SCALPEL AND STRAIGHT BISTOURY.
 SILK.
 SUTURE NEEDLES.
 SYME'S KNIFE AND GUM LANCET.

POCKET CASES (Continued).



4



5



6

POCKET CASES.

THE KNIVES IN TORTOISESHELL HANDLES, WITH FRENCH LOCKS.

FIG. 7 SET.

BISTOURY, STRAIGHT.

BLEEDING LANCET.

CATHETER, FEMALE.

CAUSTIC CASE AND TROCAR.

DIRECTOR.

EYE NEEDLE AND SCOOP.

FORCEPS, DRESSING.

PAGET'S KNIFE AND SCALPEL.

PROBES.

SCISSORS.

SUTURE NEEDLES AND SILK.

VACCINATION LANCET.

FIG. 8 SET.—ARMY REGULATION CASE.

BISTOURIES, CURVED (Two).

CATHETER, MALE AND FEMALE.

CAUSTIC CASE.

CLINICAL THERMOMETER.

DIRECTOR AND ANEURISM NEEDLE.

FORCEPS, ARTERY.

FORCEPS, DRESSING.

LANCETS (Two).

SCISSORS, CURVED.

SILK AND WIRE.

SPATULA.

SUTURE NEEDLES.

SYME'S KNIFE AND SCALPEL.

SYRINGE, SUBCUTANEOUS.

TENACULUM AND GUM LANCET.

FIG. 9 SET.

BISTOURIES, CURVED (Two).

BISTOURY, STRAIGHT.

CATHETER, MALE AND FEMALE, WITH PLUG
FOR EPISTAXIS.

CAUSTIC HOLDER AND EXPLORING TROCAR.

DIRECTOR.

EYE SCOOP AND CATARACT NEEDLE.

FORCEPS, ARTERY.

FORCEPS, DRESSING.

FORCEPS, DRESSING, SPRING.

PROBES.

SCALPEL AND FINGER KNIFE.

SCISSORS, CURVED.

SCISSORS, PROBE-POINTED.

SCISSORS, STRAIGHT.

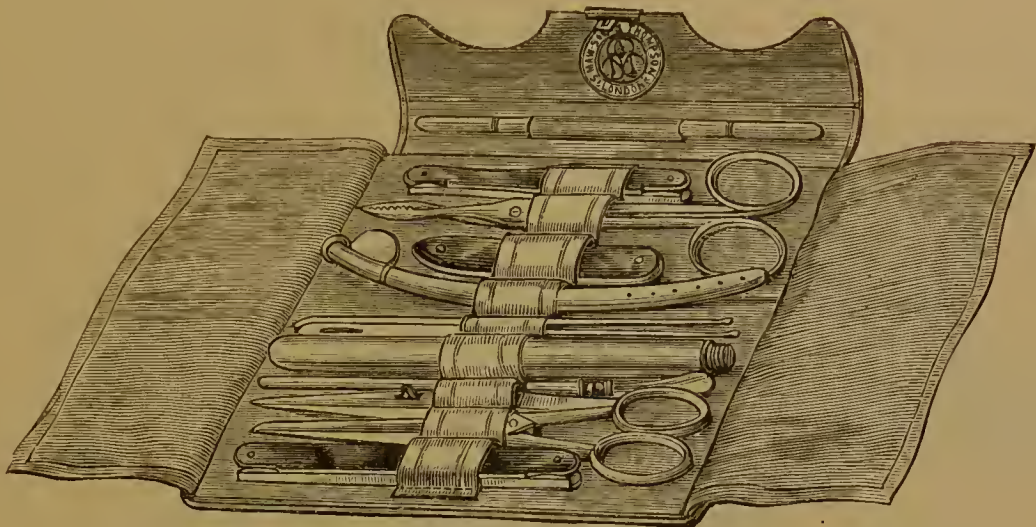
SILK.

SUTURE NEEDLES.

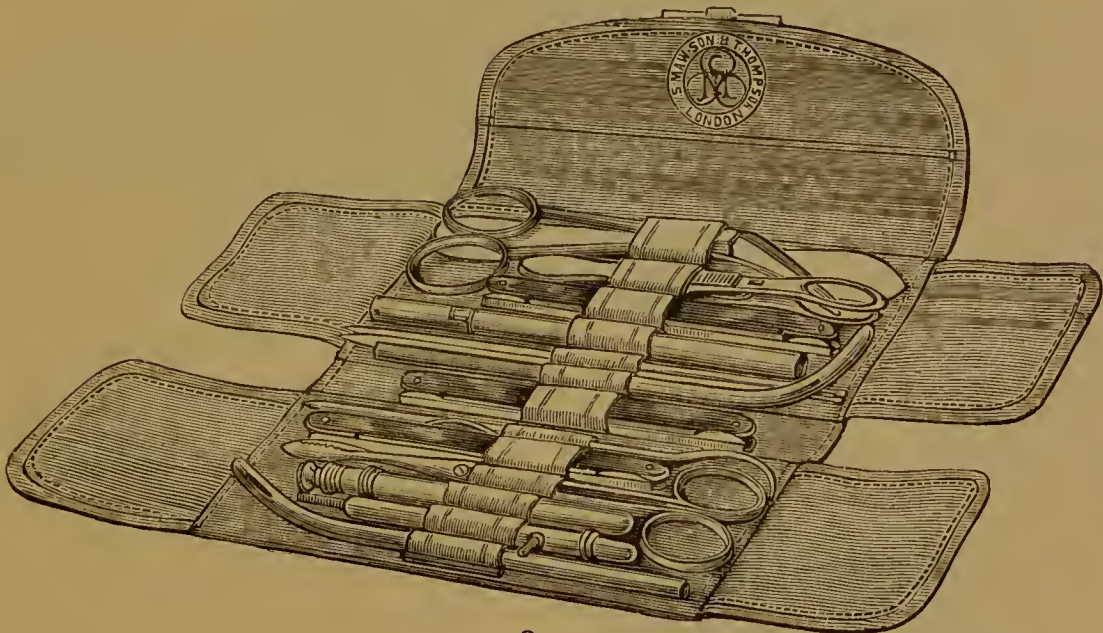
SYME'S KNIFE AND GUM LANCET.

SYRINGE, SUBCUTANEOUS.

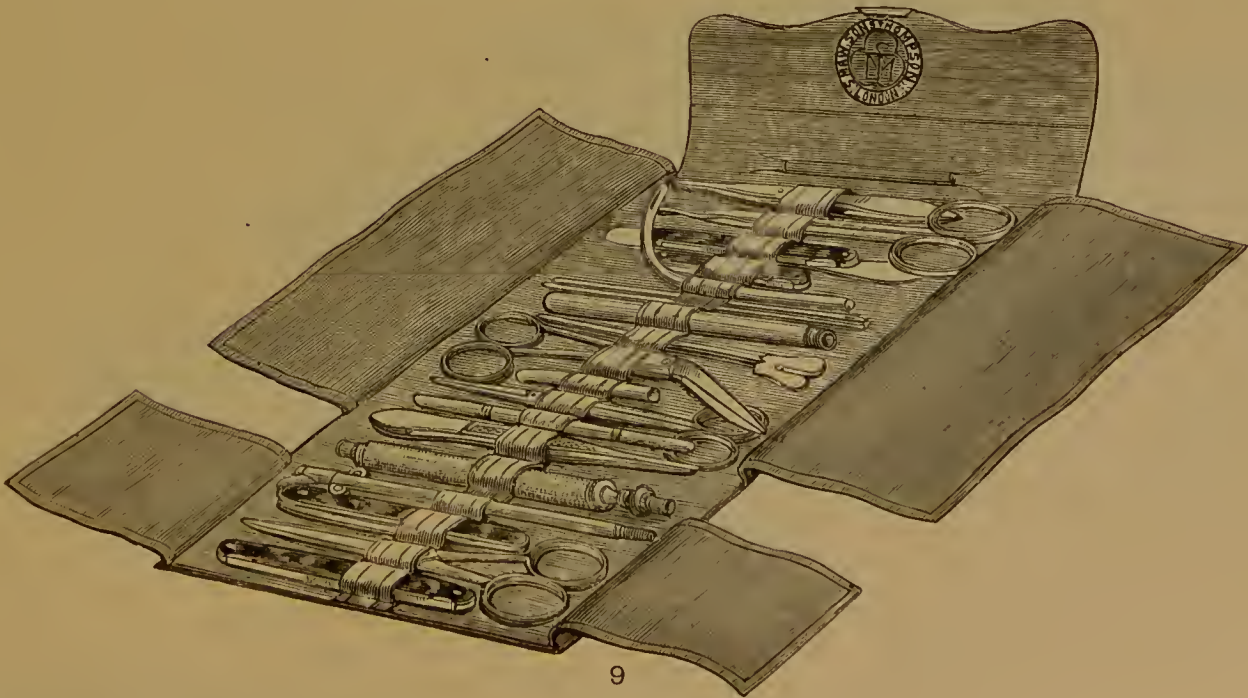
POCKET CASES (Continued).



7



8



9

POCKET CASES.

THE KNIVES IN TORTOISESHELL HANDLES, WITH FRENCH LOCKS.

FIG. 10 SET.

BISTOURIES, CURVED (Two).
 BISTOURY, STRAIGHT.
 CATHETER, MALE AND FEMALE.
 CAUSTIC CASE, SILVER.
 DIRECTOR.
 FORCEPS, ARTERY.
 FORCEPS, DRESSING.
 PROBES.
 SCALPELS (Two).
 SCISSORS, CURVED.

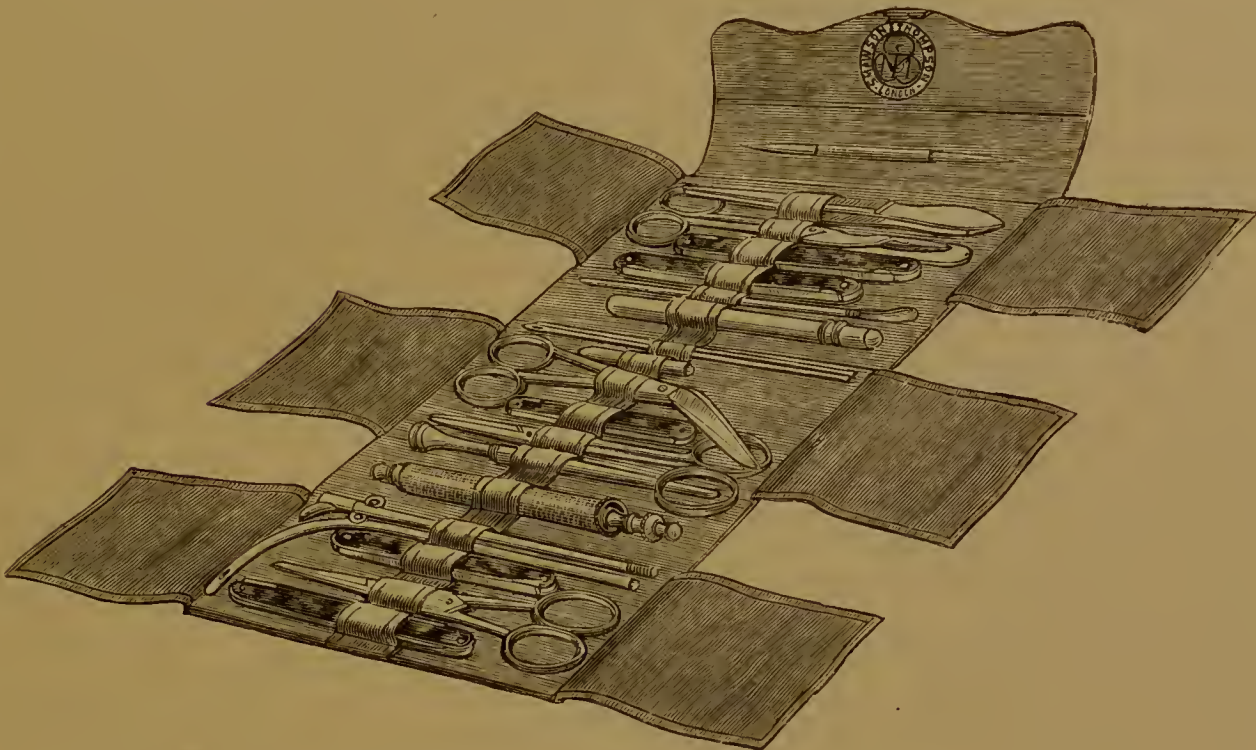
SCISSORS, PROBE-POINTED.
 SCISSORS, STRAIGHT.
 SILK.
 SPATULA.
 SUTURE NEEDLES.
 SYME'S KNIFE AND GUM LANCET
 SYRINGE, SUBCUTANEOUS.
 TENOTOMY KNIFE.
 TROCAR, EXPLORING.

FIG. 11 SET.

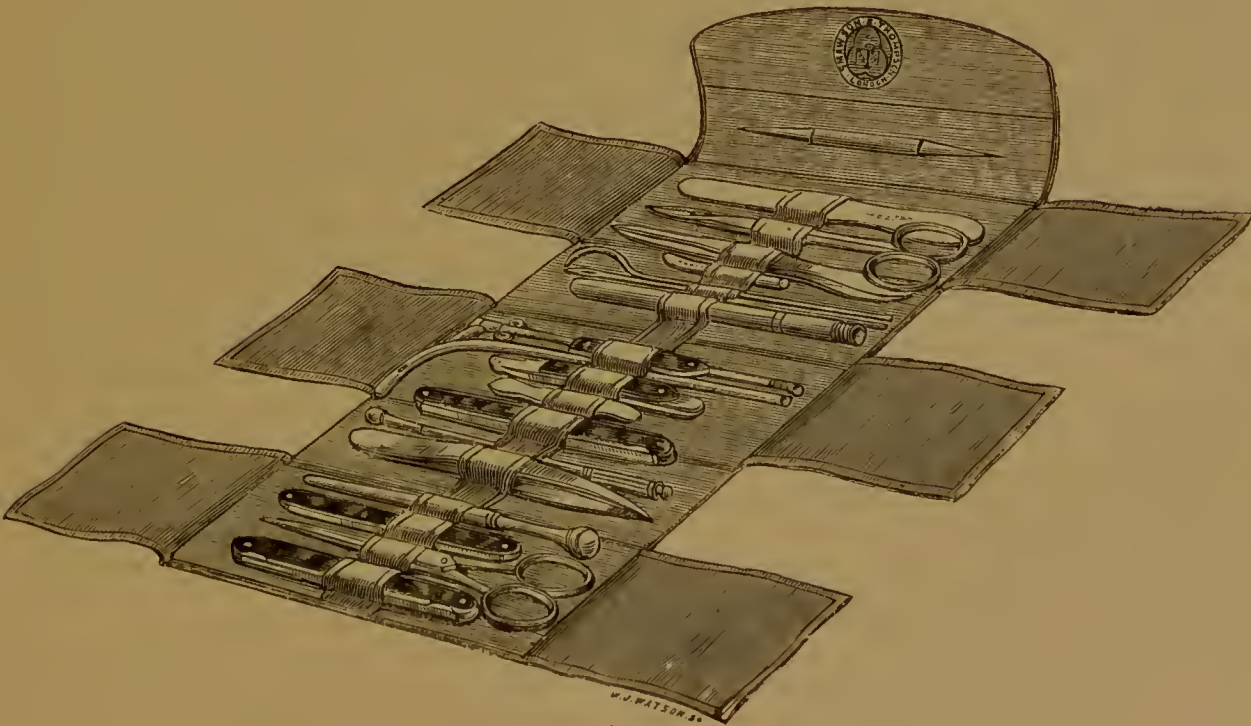
BISTOURY, STRAIGHT.
 BISTOURIES, CURVED (Two).
 BLEEDING LANCET.
 CATHETER.
 CAUSTIC HOLDER.
 DIRECTOR AND ANEURISM NEEDLE.
 FORCEPS, ARTERY.
 FORCEPS, DRESSING.
 FORCEPS, DRESSING, SPRING.

GUN-SHOT PROBE.
 PROBES.
 SCALPELS (Two).
 SCISSORS, STRAIGHT.
 SPATULA.
 SUTURE NEEDLES AND SILK.
 SYME'S KNIFE AND GUM LANCET.
 TROCAR, EXPLORING.
 VACCINATION LANCET.

POCKET CASES (Continued).



10



11

SECTION IV.



EYE INSTRUMENTS.

CONTENTS OF SECTION IV.

CAUTERY, LACHRYMAL.

CURETTES.

CYSTOTOMES.

DIRECTORS.

DOUCHES.

FORCEPS, CILIA.

FORCEPS, ENTROPIUM.

FORCEPS, FIXING.

FORCEPS, IRIS.

HOOKS, PUPIL.

HOOKS, STRABISMUS.

KNIFE, ARTIFICIAL PUPIL.

KNIVES, CATARACT.

KNIVES, IRIDECTOMY.

KNIVES, IRIS.

KNIVES, LACHRYMAL.

KNIVES, PUNCTUM.

KNIVES, SCARIFYING.

LENS PRICKER.

LEVER INSTRUMENTS.

NEEDLES, BROAD.

NEEDLES, CATARACT.

NEEDLES, RECLINATION.

NEEDLES, SOLUTION.

NEEDLES, SPATULA.

NEEDLES, STOP.

NEEDLES, SUTURE.

OPHTHALMOSCOPES.

PROBES.

RETRACTORS.

SCISSORS.

SETS IN CASES.

SHADES.

SPOONS.

SPUD AND SCOOP.

STYLES.

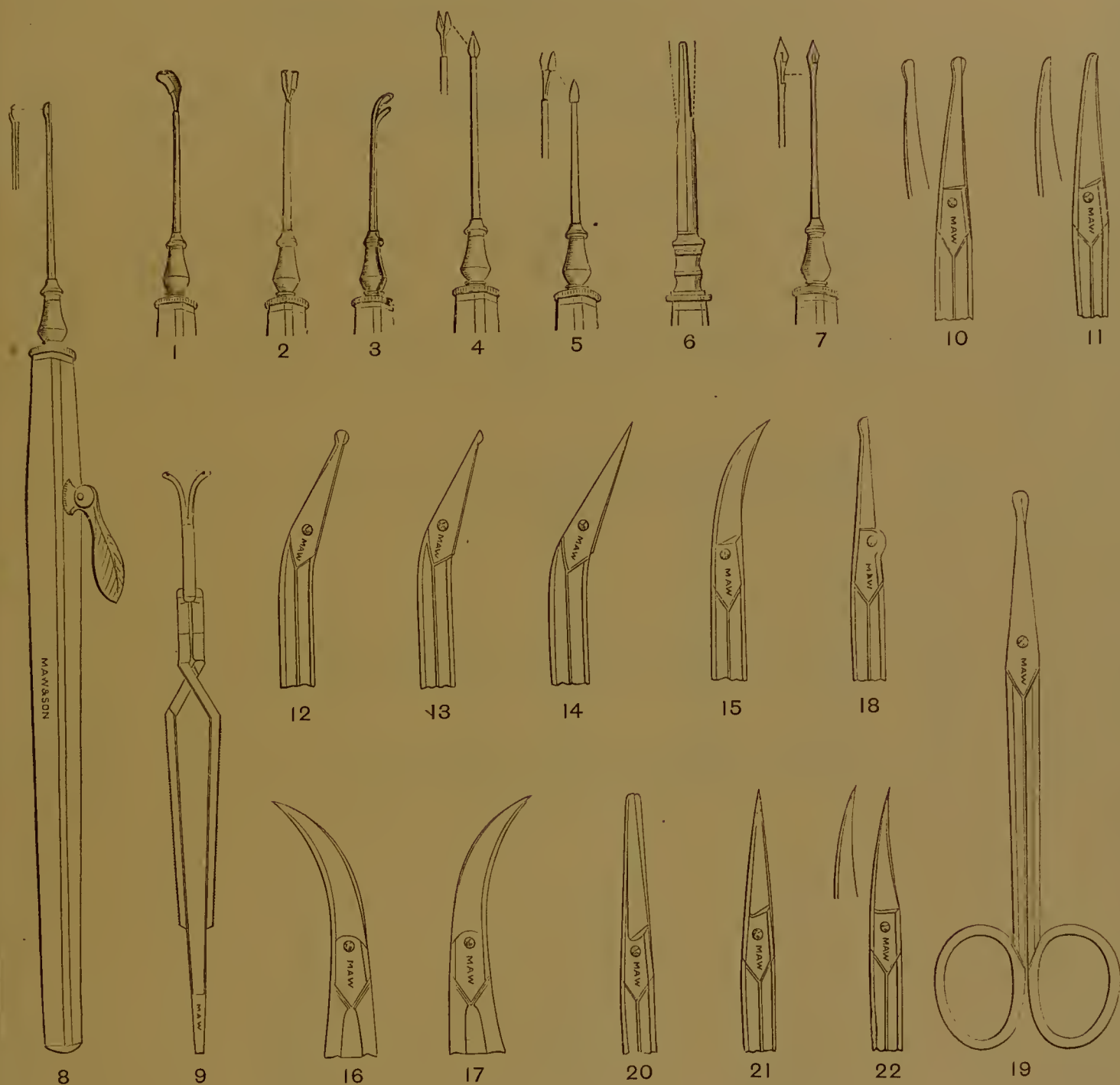
SUCTION SYRINGE.

SYRINGES.

TEST GLASSES.

VECTIS.

LEVER INSTRUMENTS AND SCISSORS.



LEVER INSTRUMENTS.

- Fig. 1. CANULA FORCEPS, COOPER'S.
 Fig. 2. CANULA FORCEPS.
 Fig. 3. CANULA FORCEPS.
 Fig. 4. CANULA SCISSORS.
 Fig. 5. CANULA SCISSORS.
 Fig. 6. CANULA LANCET.
 Fig. 7. CANULA CAPSULAR NEEDLE.
 Fig. 8. GUARDED CURETTE.
 Fig. 9. IRIS FORCEPS, CROSS-ACTION, LIEBREICH'S.

SCISSORS.

- Fig. 10. CURVED, PROBE POINTS.
 Fig. 11. CURVED, ROUND POINTS.
 Fig. 12. CURVED ELBOW, PROBE POINTS.
 Fig. 13. CURVED, PROBE AND SHARP POINTS.
 Fig. 14. CURVED ELBOW, SHARP.
 Fig. 15. CURVED, SHARP.
 Fig. 16. CURVED, SHARP, LEFT.
 Fig. 17. CURVED, SHARP, RIGHT.
 Fig. 18. STRAIGHT, PROBE POINTS.
 Fig. 19. STRAIGHT, PROBE POINTS.
 Fig. 20. STRAIGHT, ROUND POINTS.
 Fig. 21. STRAIGHT, SHARP POINTS.
 Fig. 22. STRAIGHT, CURVED, SHARP POINTS.

CURETTES, CYSTOTOMES, AND HOOKS.

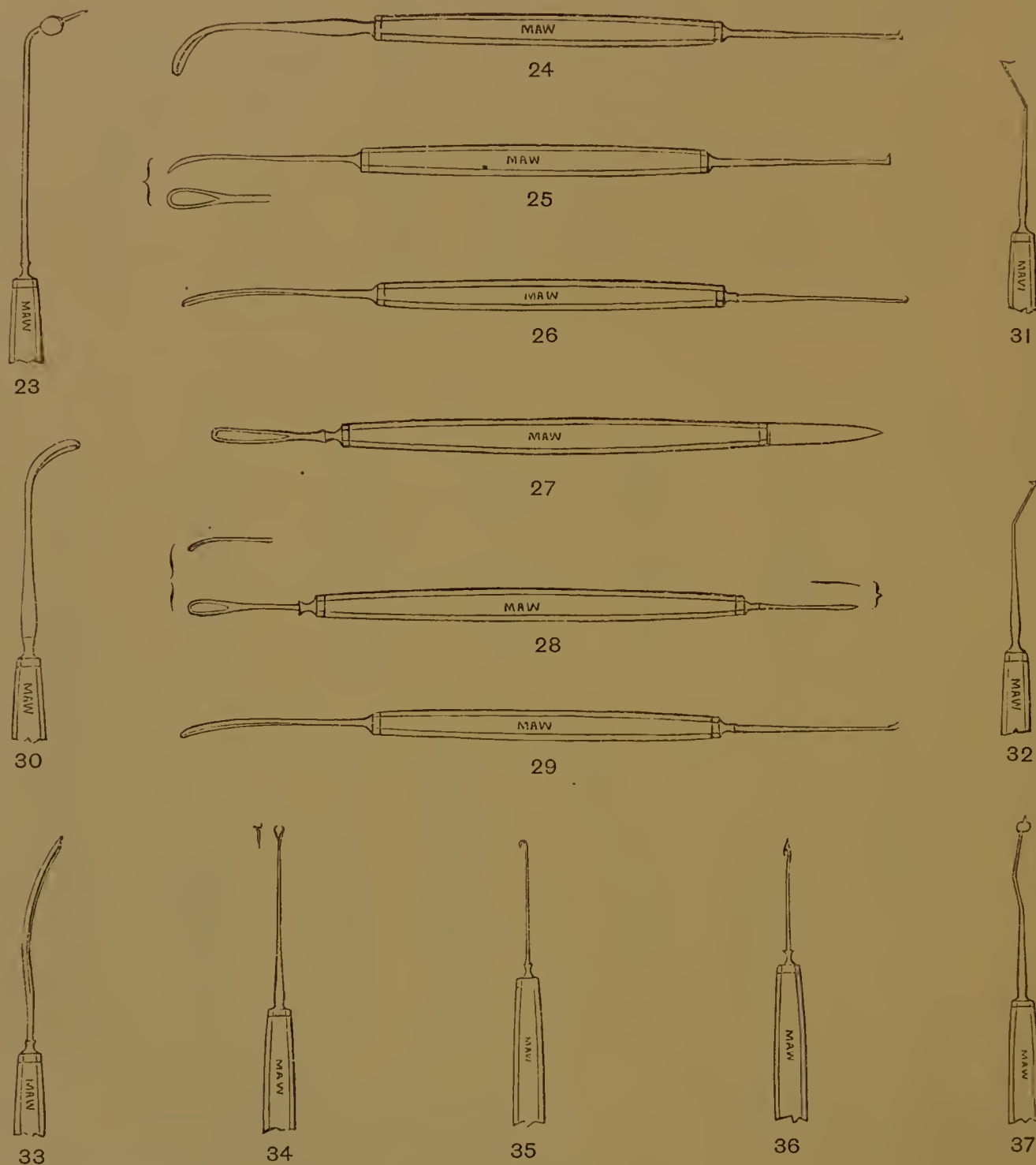


Fig. 23. CAUTERY FOR LACHRYMAL FISTULA.

Fig. 24. CURETTE AND CYSTOTOME.

Fig. 25. CURETTE AND CYSTOTOME.

Fig. 26. CURETTE AND HOOK.

Fig. 27. CURETTE AND IRIS KNIFE.

Fig. 28. CURETTE AND NEEDLE.

Fig. 29. CURETTE AND NEEDLE.

Fig. 30. CURETTE, VULCANITE.

Fig. 31. CYSTOTOME, LEFT.

Fig. 32. CYSTOTOME, RIGHT.

Fig. 33. DIRECTOR, GUTHRIE'S.

Fig. 34. FIXING HOOK.

Fig. 35. HOOK, BOWMAN'S.

Fig. 36. HOOK AND PUPIL NEEDLE, BOWMAN'S.

Fig. 37. LENS PRICKER.

KNIVES.

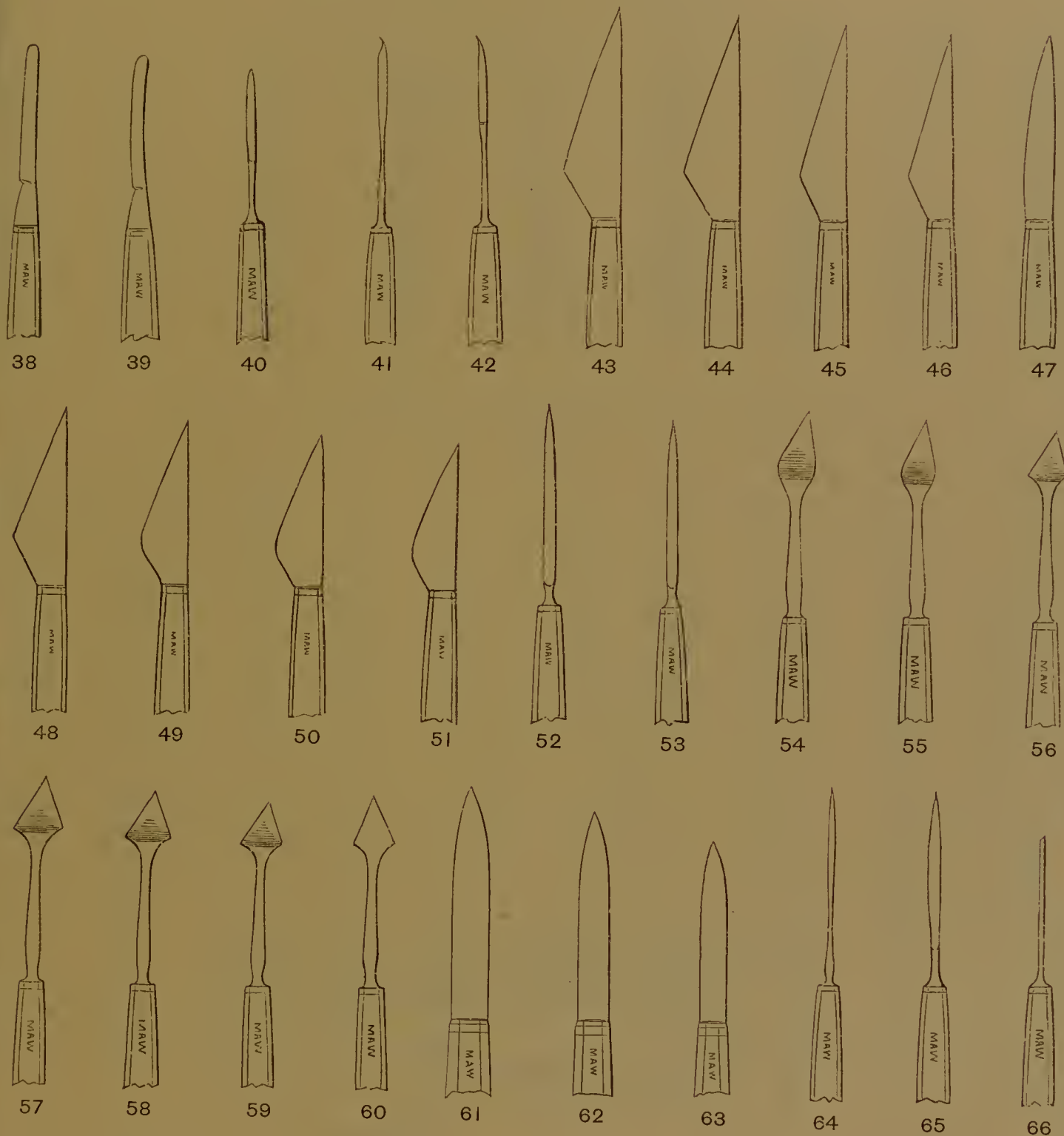
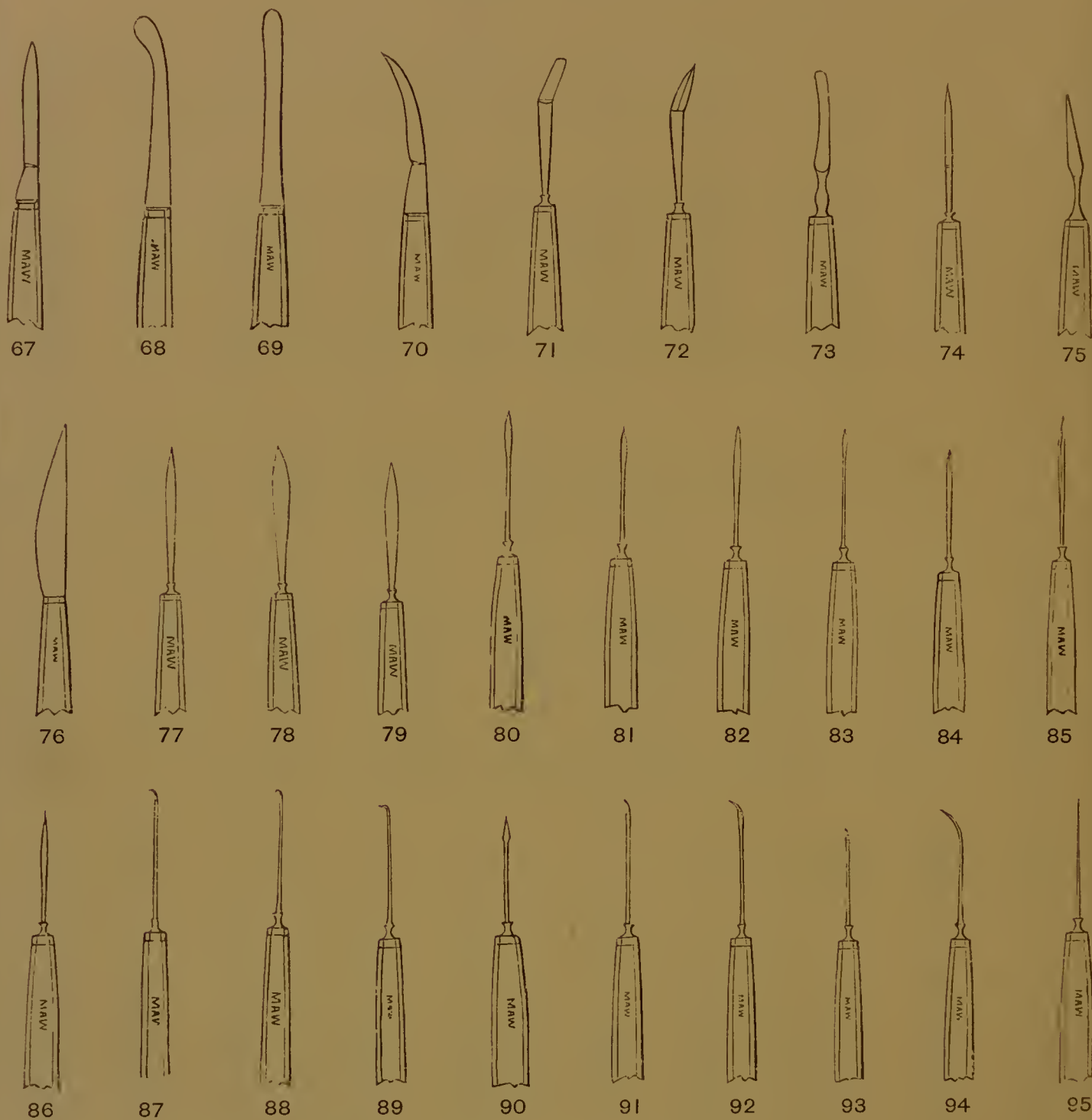


Fig. 38. ADAMS'.
 Fig. 39. ADAMS'.
 Fig. 40. ARTIFICIAL PUPIL.
 Fig. 41. CANALICULUS.
 Fig. 42. CANALICULUS.
 Fig. 43. CATARACT, BEER'S.
 Fig. 44. CATARACT, BEER'S.
 Fig. 45. CATARACT, SICHEL'S.
 Fig. 46. CATARACT, SICHEL'S.
 Fig. 47. CATARACT, COOPER'S.

Fig. 48. CATARACT.
 Fig. 49. CATARACT.
 Fig. 50. CATARACT.
 Fig. 51. CATARACT.
 Fig. 52. CATARACT, GRAEFE'S.
 Fig. 53. CATARACT, GRAEFE'S.
 Fig. 54. IRIDECTOMY, JÄGER'S.
 Fig. 55. IRIDECTOMY, JÄGER'S.
 Fig. 56. IRIDECTOMY, JÄGER'S.
 Fig. 57. IRIDECTOMY, LIEBREICH'S.

Fig. 58. IRIDECTOMY, LIEBREICH'S.
 Fig. 59. IRIDECTOMY, LIEBREICH'S.
 Fig. 60. IRIDECTOMY, LIEBREICH'S.
 Fig. 61. IRIS.
 Fig. 62. IRIS.
 Fig. 63. IRIS.
 Fig. 64. LACHRYMAL.
 Fig. 65. LACHRYMAL, WALTON'S.
 Fig. 66. PUNCTUM, BOWMAN'S.

KNIVES AND NEEDLES.



KNIVES.

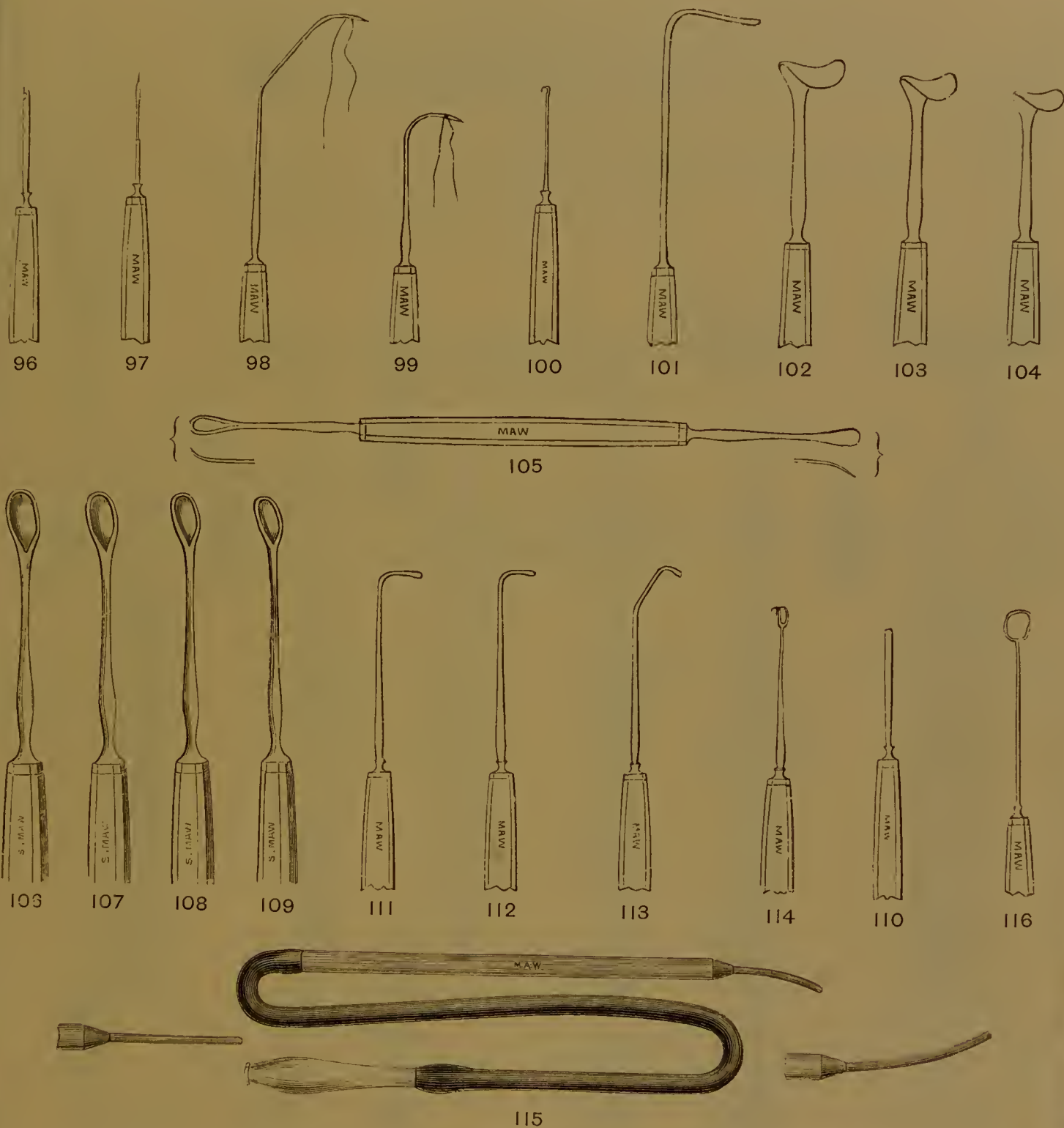
- Fig. 67. WALTON'S.
 Fig. 68. SCARIFYING.
 Fig. 69. SCARIFYING.
 Fig. 70. SCARIFYING.
 Fig. 71. SCARIFYING.
 Fig. 72. SCARIFYING.
 Fig. 73. SCARIFYING.
 Fig. 74. SCARIFYING.
 Fig. 75. SCARIFYING.
 Fig. 76. SCARIFYING.

NEEDLES.

- Fig. 77. CATARACT.
 Fig. 78. CATARACT.
 Fig. 79. CATARACT.
 Fig. 80. CATARACT.
 Fig. 81. CATARACT.
 Fig. 82. CATARACT.
 Fig. 83. CATARACT.
 Fig. 84. CATARACT.
 Fig. 85. CATARACT.
 Fig. 86. CATARACT.

- Fig. 87. CATARACT.
 Fig. 88. CATARACT.
 Fig. 89. CATARACT.
 Fig. 90. CATARACT, DALRYMPLE'S.
 Fig. 91. RECLINATION.
 Fig. 92. RECLINATION, WALTON'S.
 Fig. 93. RECLINATION, WALTON'S.
 Fig. 94. SOLUTION, JACOB'S.
 Fig. 95. SOLUTION, JACOB'S.

NEEDLES, RETRACTORS, STRABISMUS HOOKS, ETC.



- Fig. 96. NEEDLE, SPATULA, STREATFIELD'S.
 Fig. 97. NEEDLE, STOP, BOWMAN'S.
 Fig. 98. NEEDLE, SUTURE, BOWMAN'S.
 Fig. 99. NEEDLE, SUTURE, BOWMAN'S.
 Fig. 100. NEEDLE, TYRRELL'S.
 Fig. 101. PROBE, NASAL DUCT, WALTON'S.
 Fig. 102. RETRACTOR, DESMARRES'.
 Fig. 103. RETRACTOR, DESMARRES'.
 Fig. 104. RETRACTOR, DESMARRES'.
 Fig. 105. SPOON, DOUBLE.
 Fig. 106. SPOON, SINGLE.

- Fig. 107. SPOON, SINGLE.
 Fig. 108. SPOON, SINGLE.
 Fig. 109. SPOON, SINGLE.
 Fig. 110. SPUD, WALTON'S.
 Fig. 111. STRABISMUS HOOK.
 Fig. 112. STRABISMUS HOOK.
 Fig. 113. STRABISMUS HOOK, COWELL'S.
 Fig. 114. STRABISMUS HOOK, FOR STEADYING EYE-BALL.
 Fig. 115. SYRINGE, SUCTION, WALTON'S.
 Fig. 116. VECTIS, TAYLOR'S.

NEEDLES, PROBES, STYLES, SYRINGES, ETC.

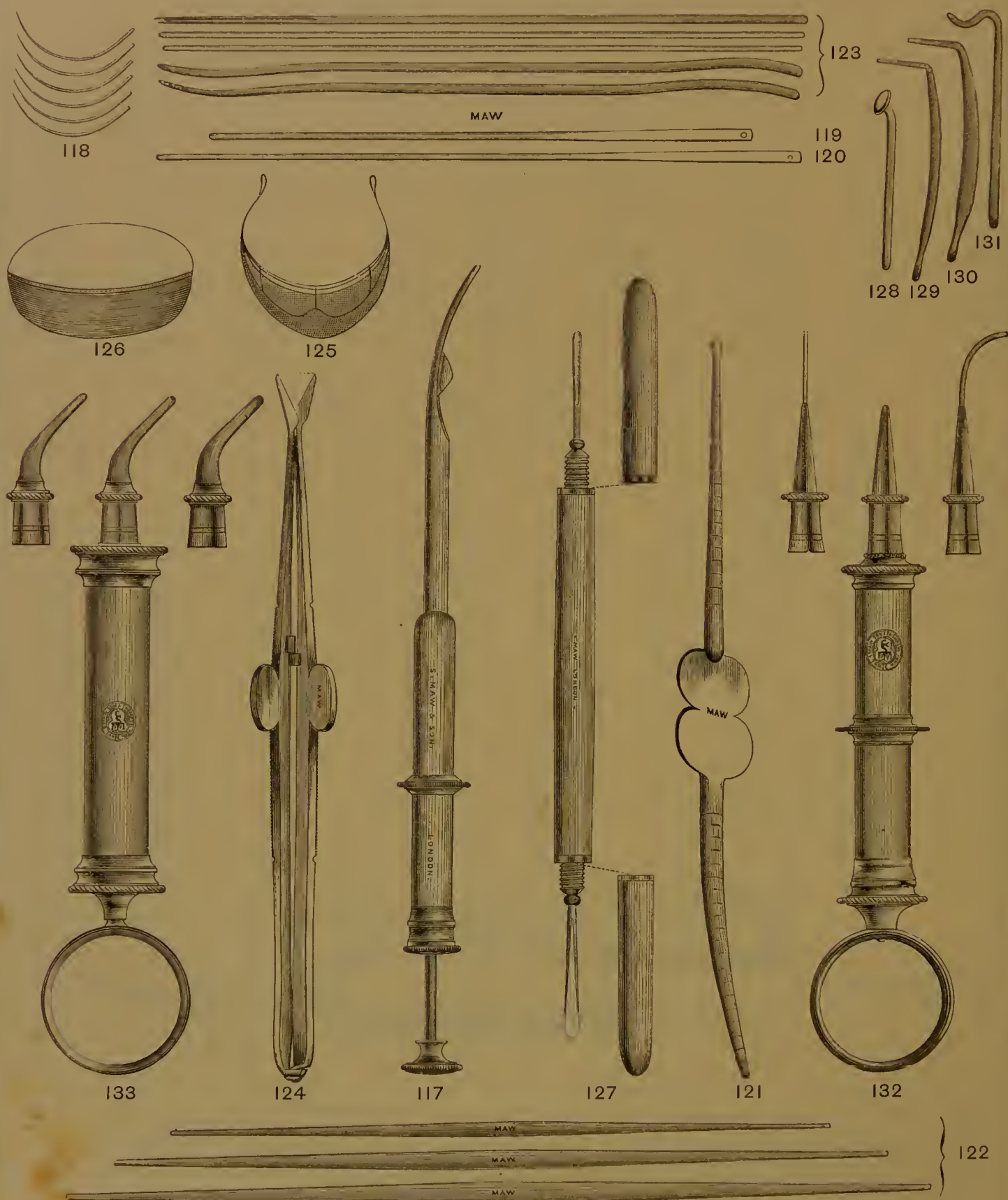


Fig. 117. KNIFE, LACHRYMAL.
 Fig. 118. NEEDLES.
 Fig. 119. PROBE, ANEL'S.
 Fig. 120. PROBE, ANEL'S.
 Fig. 121. PROBE, WEBER'S.
 Fig. 122. PROBES, WALTON'S.

Fig. 123. PROBES, BOWMAN'S (the Set with Critchett's Director).
 Fig. 124. SCISSORS, DE WECKER'S.
 Fig. 125. SHADE, CALKIN'S.
 Fig. 126. SHADE, PLAIN.
 Fig. 127. SPUD & SCOOP, WALTON'S.

Fig. 128. STYLE.
 Fig. 129. STYLE.
 Fig. 130. STYLE.
 Fig. 131. STYLE.
 Fig. 132. SYRINGE, ANEL'S.
 Fig. 133. SYRINGE, WALTON'S.

FORCEPS.



Figs. 1, 2. CILIA.
Figs. 3 to 8. ENTROPIUM.
Fig. 9. IRIS, CURVED.

Fig. 10. IRIS, STRAIGHT.
Fig. 11. IRIS, CURVED, TENACULUM POINTS.
Fig. 12. IRIS, STRAIGHT, TENACULUM POINTS.

FIG. 1 SET.

CATARACT KNIVES (Three).
 CATARACT NEEDLES (Four).
 CURETTE AND HOOK.
 DIRECTOR FOR CANALICULUS, CRITCHETT'S.
 FORCEPS, CILIA.

FORCEPS, IRIS.
 PROBES, BOWMAN'S.
 RETRACTOR, ADAMS'.
 SCISSORS (Two).
 TYRRELL'S HOOK.

FIG. 2 SET.

CATARACT KNIVES (Three).
 CATARACT NEEDLES (Six).
 CURETTE AND HOOK.
 DIRECTOR FOR CANALICULUS, CRITCHETT'S.
 FORCEPS (Three).
 FORCEPS, ENTROPIUM (Two).
 OPHTHALMOSCOPE.

PROBES, BOWMAN'S.
 RETRACTOR, WALTON'S.
 SCALPEL, DESMARRES'.
 SCISSORS (Three).
 SCOOP, FOR FOREIGN BODIES.
 STYLES (Three).
 SYRINGE, WALTON'S.

FIG. 3 SET.—ARMY REGULATION CASE.

CANALICULUS KNIFE (WEBER'S).
 CATARACT KNIVES, FOR LINEAR OPERATION,
 GRAEFE'S (Four).
 CATARACT KNIVES, SICHELL'S (Two).
 CURETTE AND CYSTOTOME.
 DOUBLE SPOON, CRITCHETT'S.
 FORCEPS, CAPSULAR.
 FORCEPS, CILIA.
 FORCEPS, ENTROPIUM.
 FORCEPS, FIXING.
 FORCEPS, IRIS, LIEBREICH'S.
 FORCEPS, IRIS (Two).
 IRIS HOOK, PLATINUM.
 KNIFE, IRIDECTOMY, STRAIGHT.
 KNIFE, MACNAMARA'S.
 KNIFE, SECONDARY.

KNIVES, IRIDECTOMY, CURVED (Three).
 NEEDLE-HOLDER.
 NEEDLE, SCARPA'S.
 NEEDLE, SUTURE, HULKE'S.
 NEEDLES, BROAD (Two).
 NEEDLES, SHORT (Two).
 NEEDLES, STOP (Two).
 NEEDLES, SUTURE (Two Dozen), AND SILK.
 PROBES, BOWMAN'S.
 RETRACTORS (Three).
 SCISSORS, EXCISION.
 SCISSORS, IRIS (Two).
 SCISSORS, MAUNOIR'S.
 SCISSORS, STRABISMUS.
 SPOON, BOWMAN'S.
 STRABISMUS HOOK, COWELL'S.

FIG. 4 SET.—ARMY REGULATION CASE.

CATARACT KNIFE, SICHELL'S.
 CATARACT KNIVES, GRAEFE'S (Two).
 CURETTE AND CYSTOTOME.
 FORCEPS (Two).
 KNIFE, IRIDECTOMY, CURVED.
 KNIFE, PUNCTUM, BOWMAN'S.
 LENS HOOK.

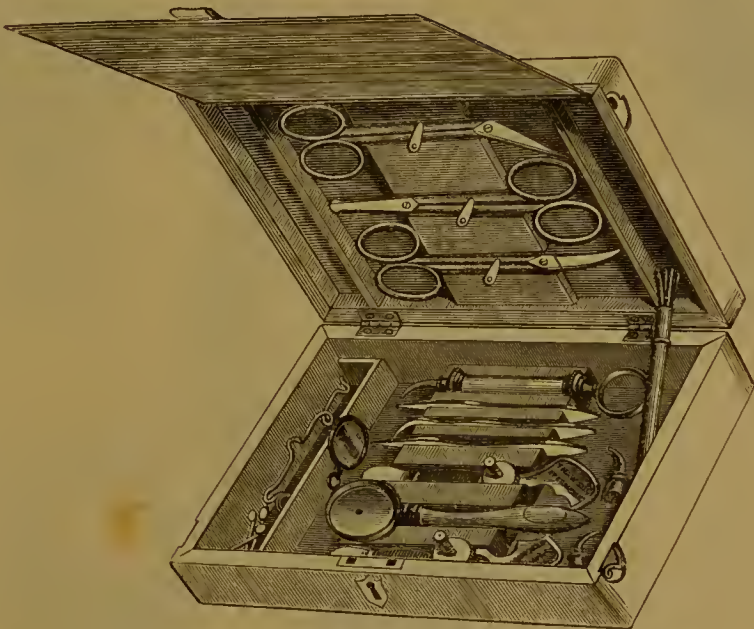
NEEDLES, CATARACT (Two).
 NEEDLES, STOP (Two).
 NEEDLES, SUTURE.
 RETRACTOR.
 SCISSORS (Two).
 STRABISMUS HOOK.
 TYRRELL'S HOOK.



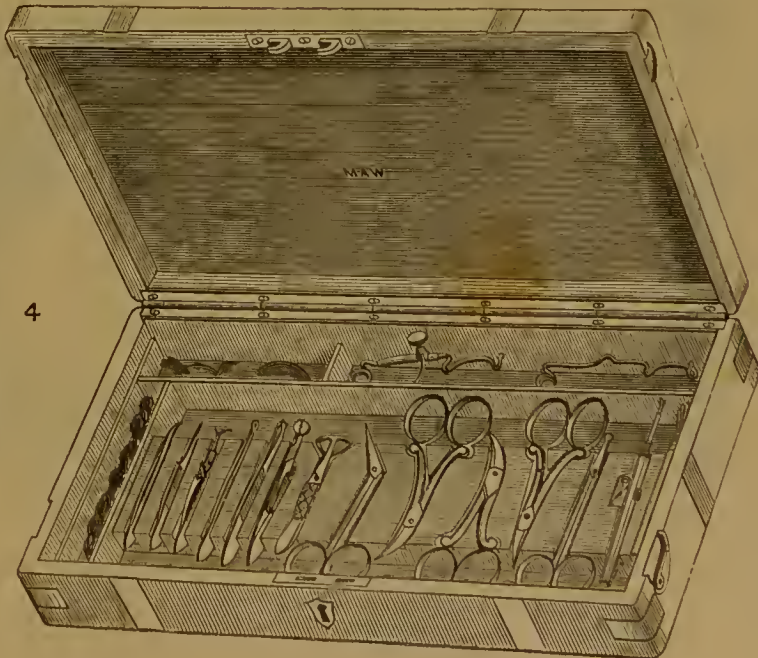
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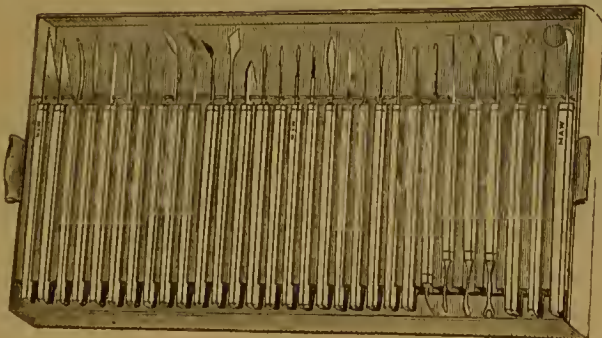
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OPHTHALMOSCOPES.

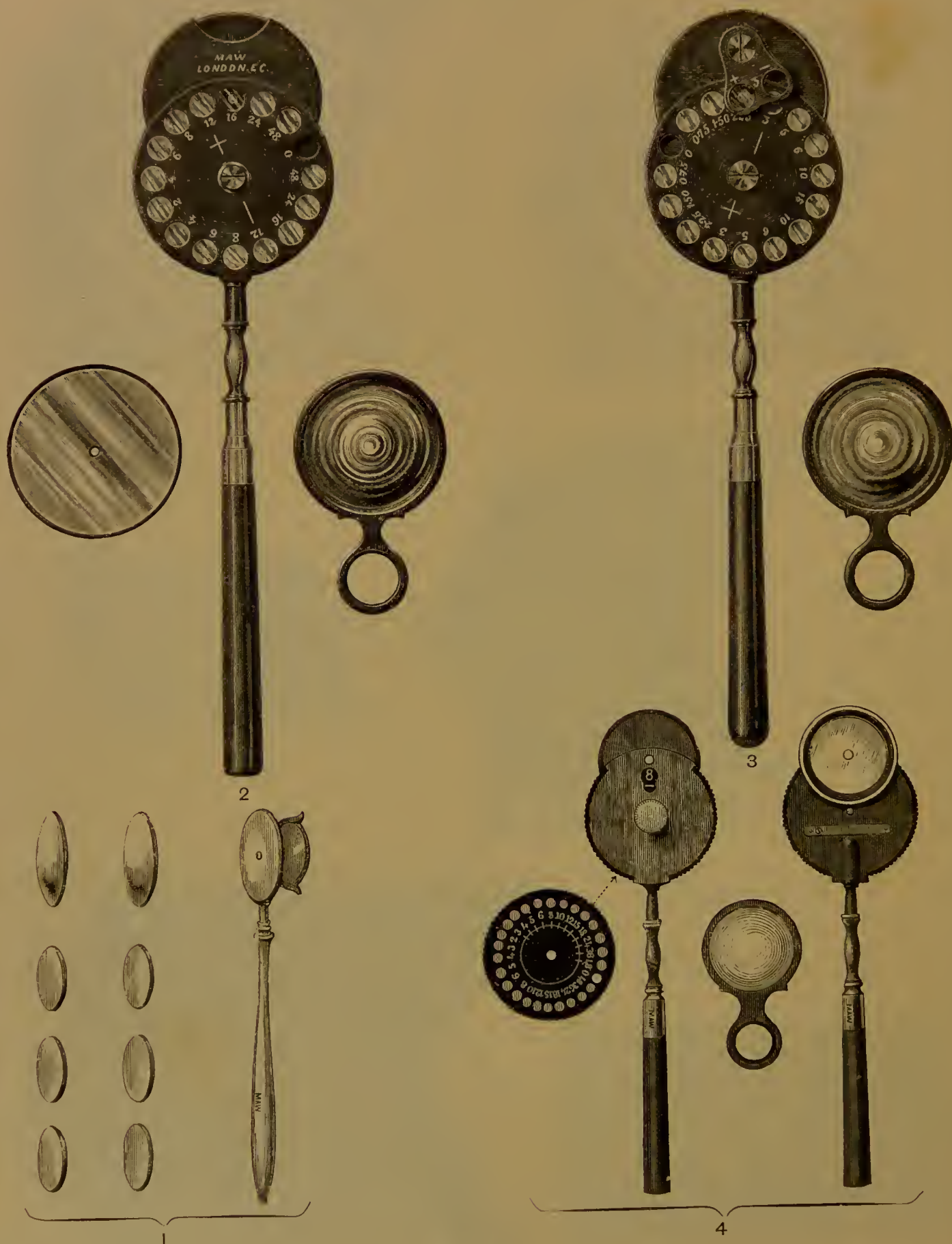


Fig. 1. LIEBREICH'S.
Fig. 2. LORING'S.

Fig. 3. MEYER'S.
Fig. 4. WECKER'S.

OPHTHALMOSCOPES (Continued).

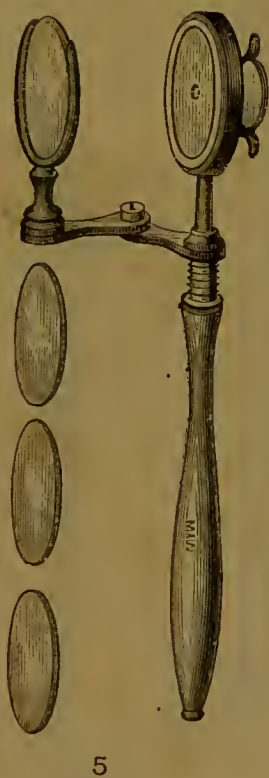
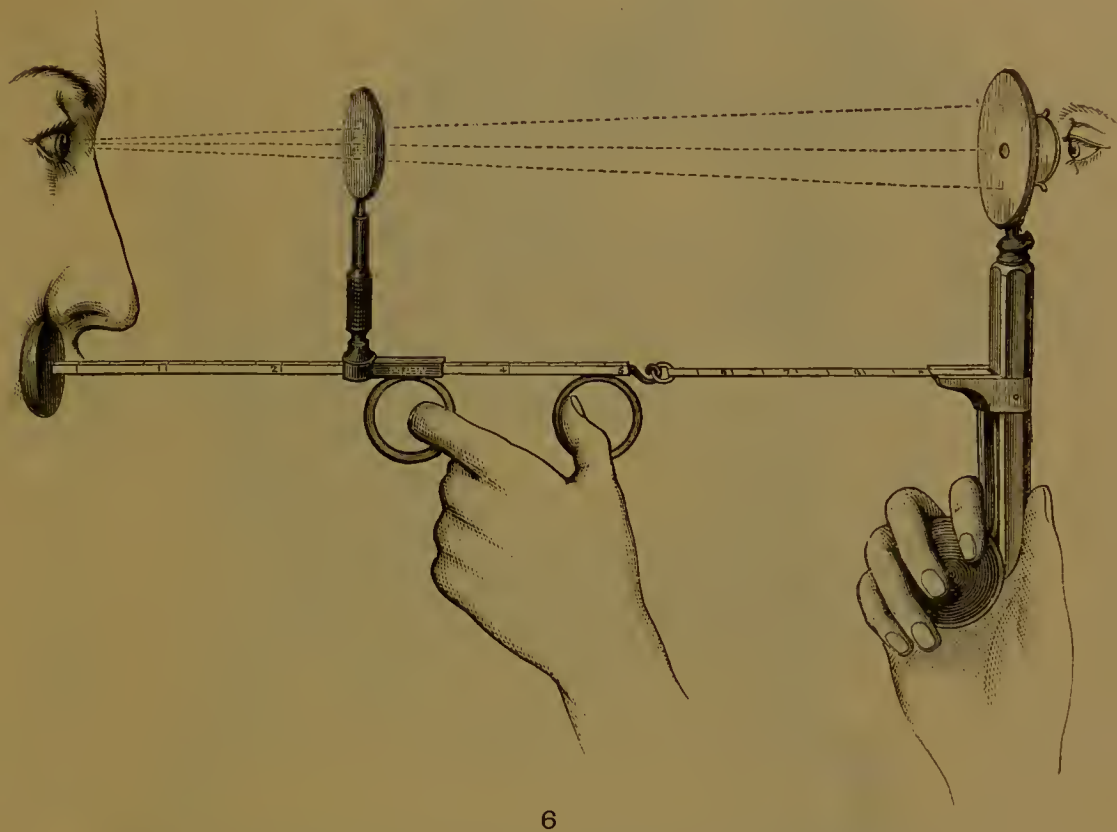


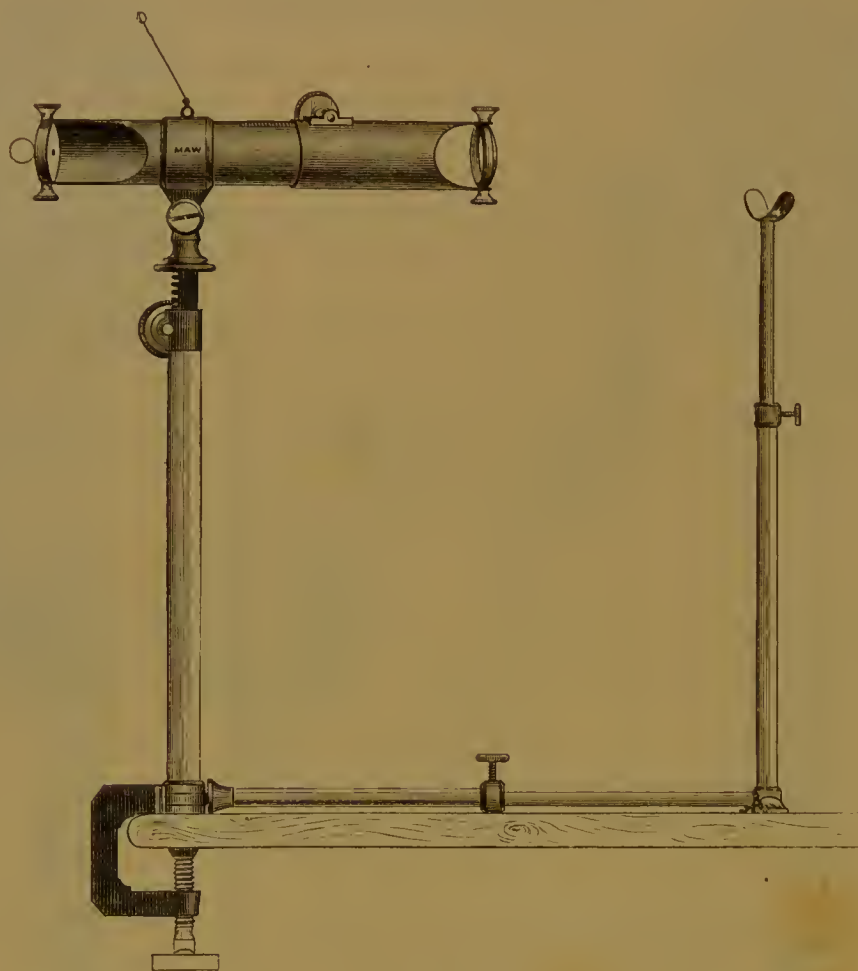
Fig. 5. COCCIUS'.

Fig. 6. GREENWAY'S.

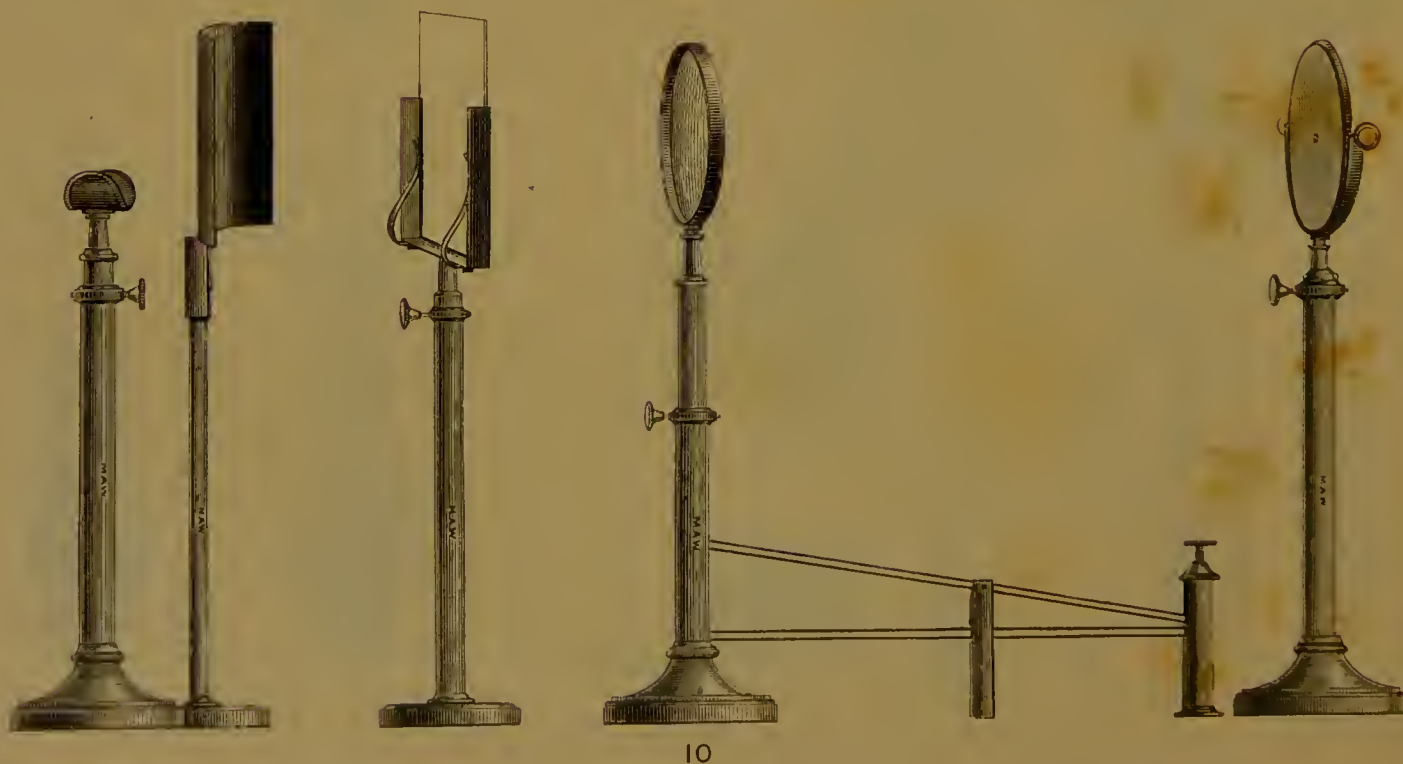
Fig. 7. MAW'S.

Fig. 8. POCKET.

OPHTHALMOSCOPES (Continued).



9



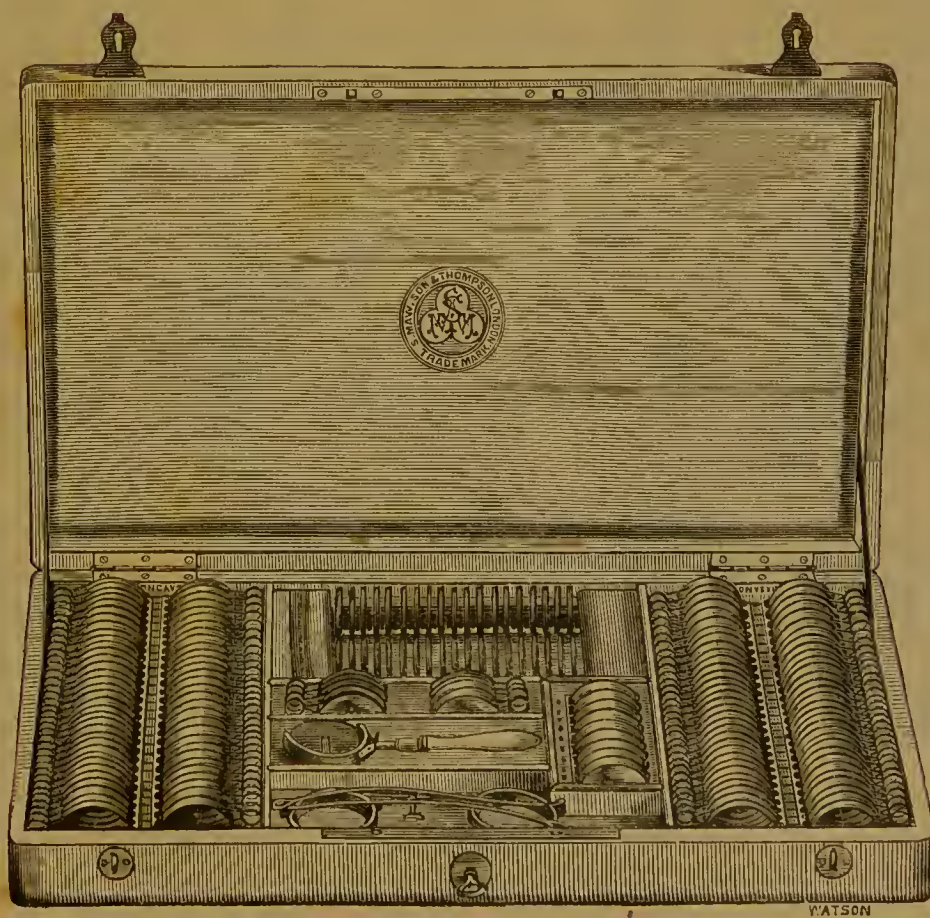
10

Fig. 9. DEMONSTRATION, FOLLIN'S.

||

Fig. 10. DEMONSTRATION.

OPHTHALMOSCOPE, LAMP, TEST GLASSES, ETC.



13

Fig. 11. OPTHALMOSCOPE.

Fig. 12. OPTHALMOSCOPE LAMP.

Fig. 13. TEST GLASSES, comprising: Four Bands of Coloured Glasses; Twenty-four Cylindrical Glasses; divided Spectacle Frame; Four Accessories; Measure; Eight Prismatic Glasses; Fifty Spherical Concave Glasses; Fifty Spherical Convex Glasses.

drical Glasses; divided Spectacle Frame; Four Accessories; Measure; Eight Prismatic Glasses; Fifty Spherical Concave Glasses; Fifty Spherical Convex Glasses.

RETRACTORS.

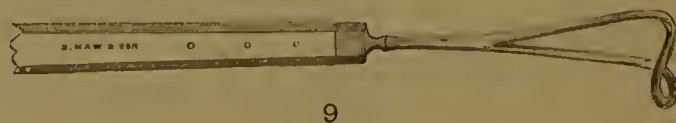
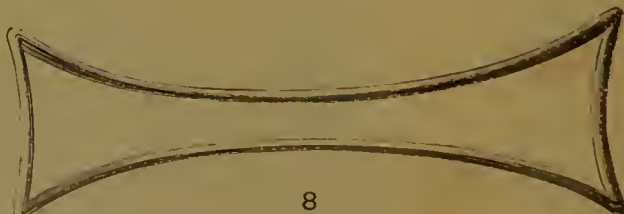
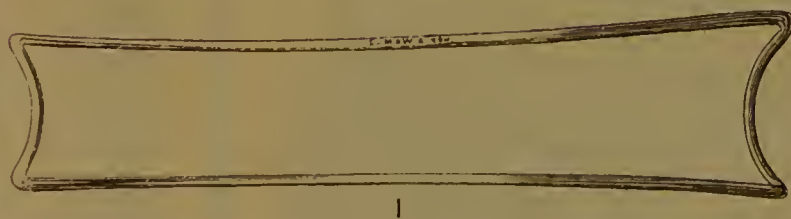
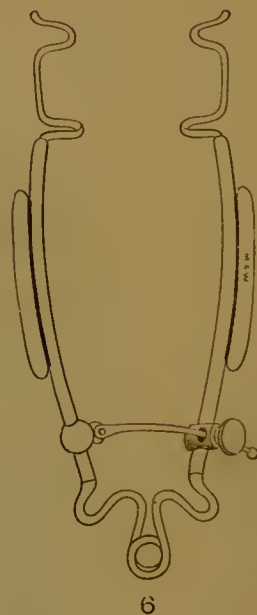
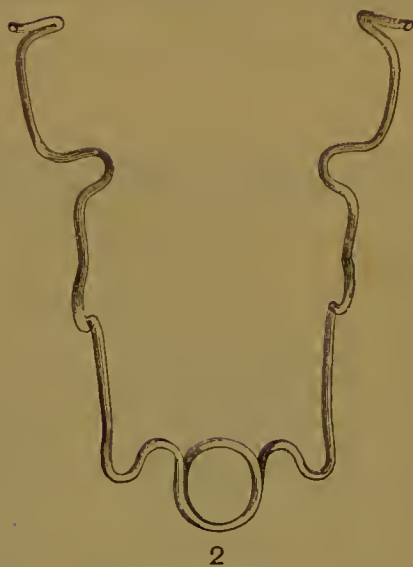
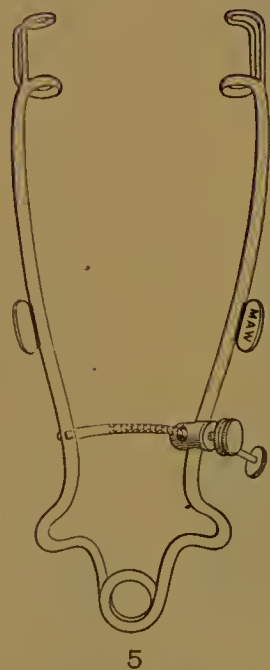
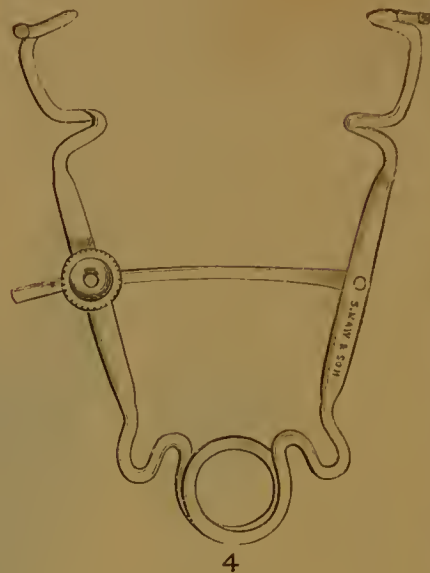
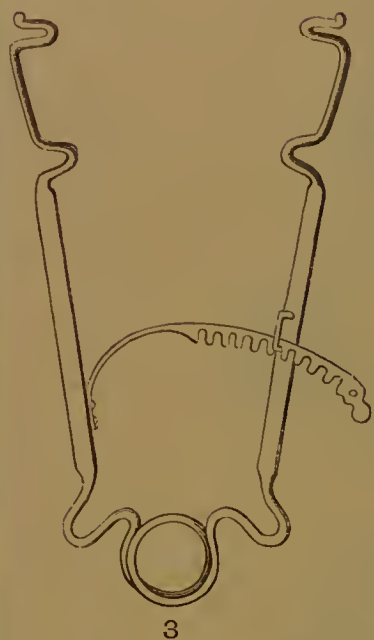


Fig. 1. ADAMS'.

Fig. 2. BOWMAN'S.

Fig. 3. CRITCHETT'S.

Fig. 4. CRITCHETT'S.

Fig. 5. GRAEFE'S.

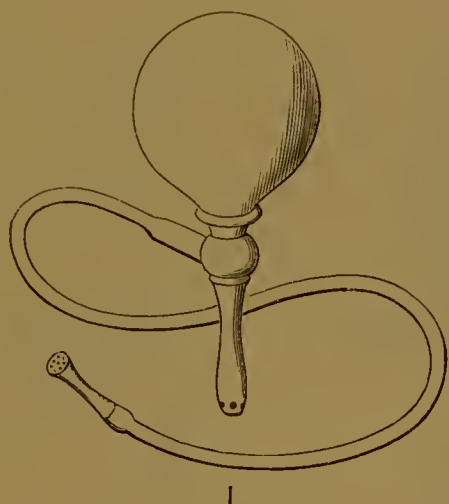
Fig. 6. LAWRENCE'S.

Fig. 7. MAW'S.

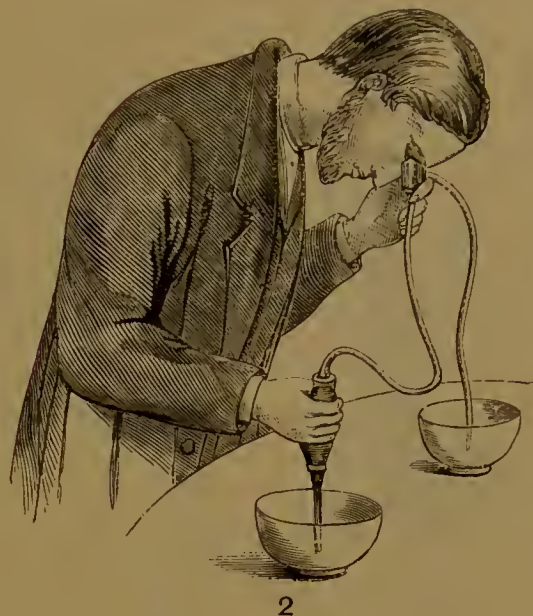
Fig. 8. PILCHER'S.

Fig. 9. WALTON'S.

DOUCHES.



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Fig. 1. BOWMAN'S.

Fig. 2. MAW'S DOUBLE-ACTION.

Fig. 3. MAW'S DOUBLE-ACTION.

Fig. 4. MAW'S SINGLE-ACTION.

DOUCHES (Continued).

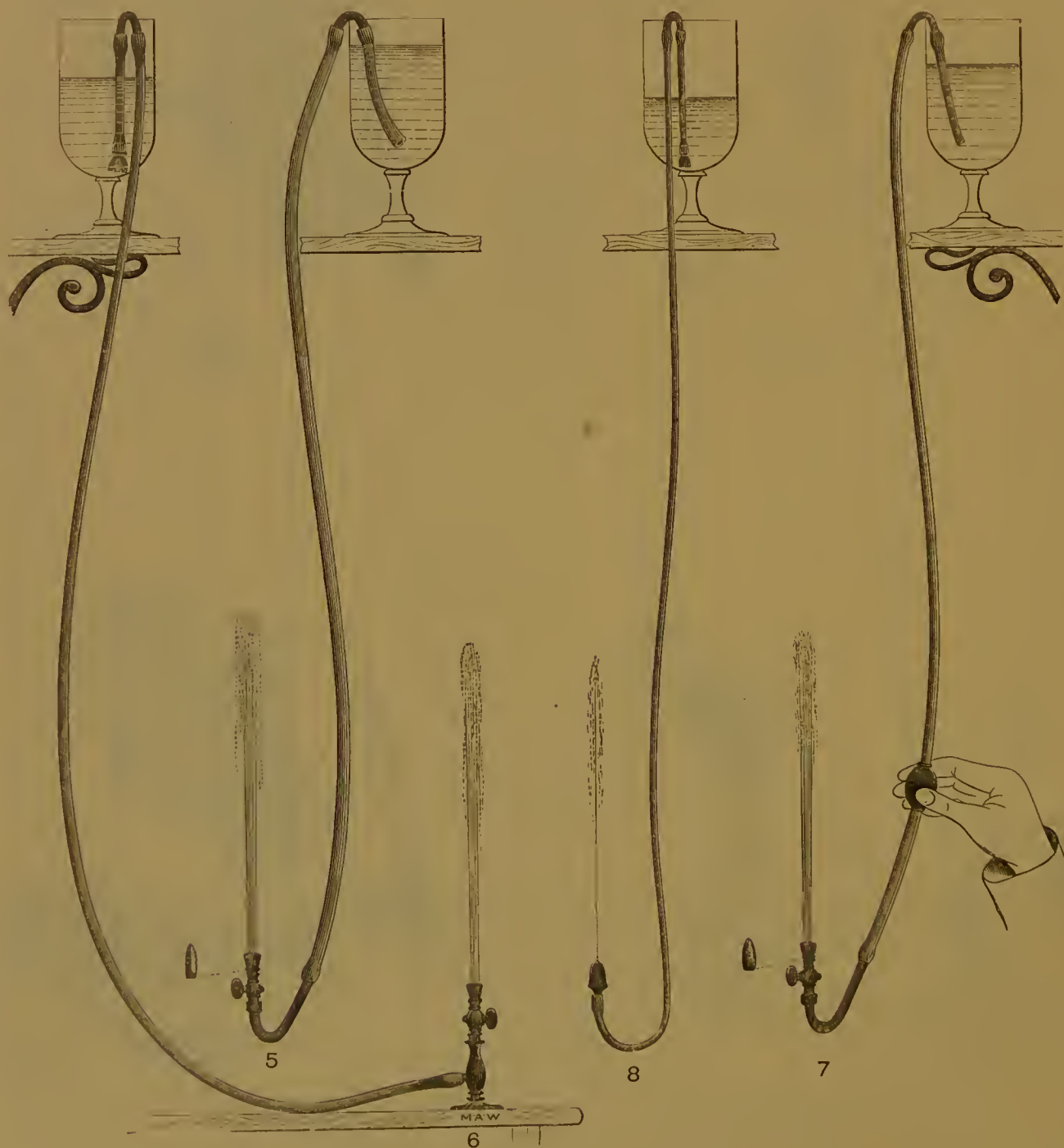


Fig. 5. SYPHON, WITH NOSE JET, GRAEFE'S.

Fig. 6. SYPHON, MAW'S.

Fig. 7. SYPHON, WITH NOSE JET.

Fig. 8. SYPHON, WEBER'S.

SECTION V.



EAR AND NOSE INSTRUMENTS.

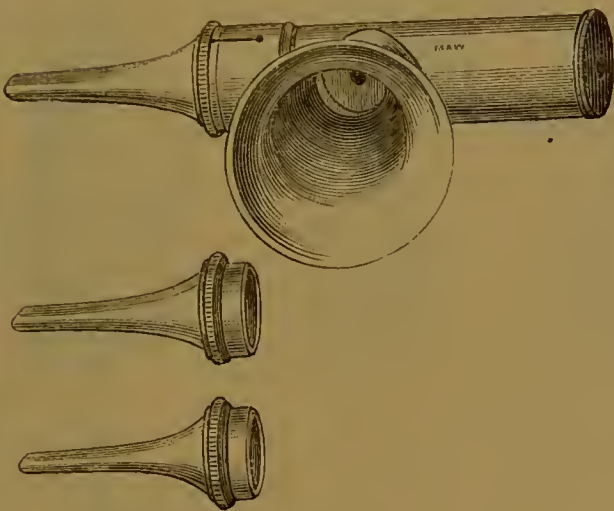
CONTENTS OF SECTION V.

AIR DOUCHE.
ALLEN'S BAG.
BREATH INTERCEPTER.
EAR CHANNELS.
EAR DOUCHES.
EAR SYRINGES.
EAR TROUGH.
ÉCRASEUR.
EUSTACHIAN SPRAYS.
EUSTACHIAN TUBES.
FORCEPS, EAR.
FORCEPS, LEVER.
FORCEPS, NOSE.

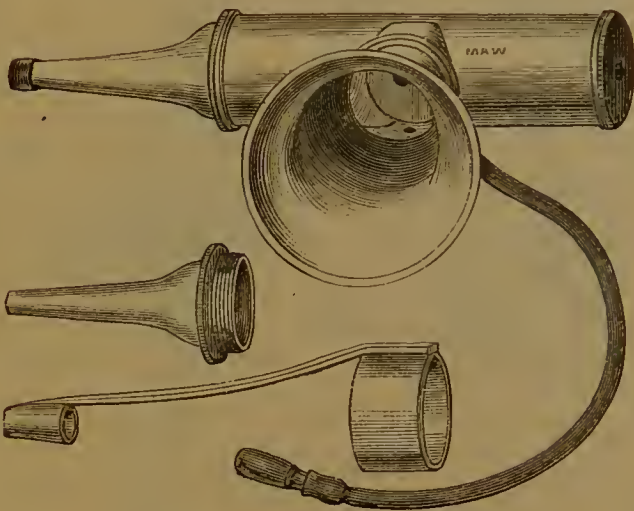
FORCEPS FOR WOOL.
FRONTAL BAND AND MIRROR.
GLASS ROD.
GRUBER'S KNIFE.
HEARING APPARATUS.
HOOK.
IODINE SPRAY.
LAMP AND CONDENSING LENS.
MIRROR.
NOSE CANULAS.
NOSE DILATORS.
NOSE DOUCHES.
NOSE TUBES.

OTOSCOPES.
POLITZER'S BAG.
PROUT'S KNIFE.
RHINOSCOPE MIRRORS.
SCOOP.
SCOOP AND HOOK.
SCOOP AND SCREW.
SHARP HOOK.
SNARE.
SOUND FORKS.
SPECULUMS.
TYMPANUMS.
WEBER'S KNIFE.

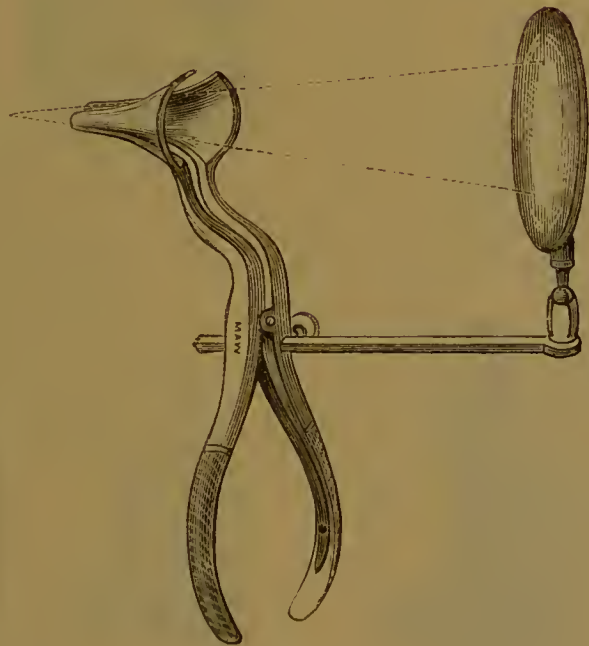
OTOSCOPES FOR DIAGNOSIS.



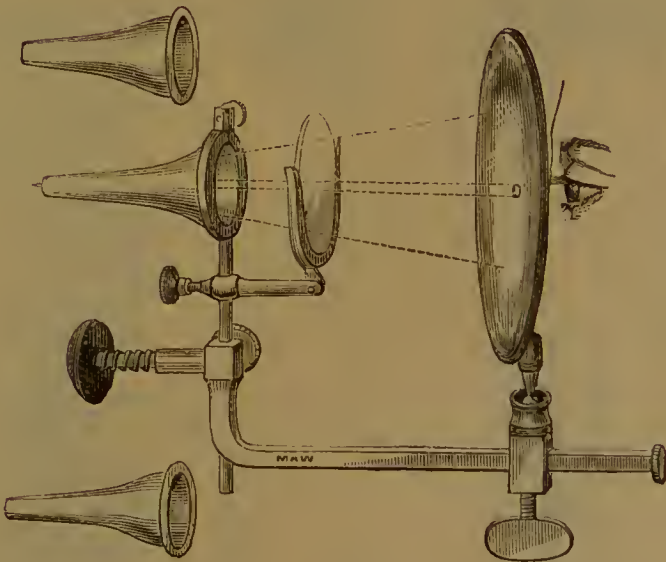
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Fig. 1. BRUNTON'S.

Fig. 2. MIOT'S.

Fig. 3. VOLTOLINI'S, PNEUMATIC.

Fig. 4. WEBER'S.

SPECULUMS FOR DIAGNOSIS.

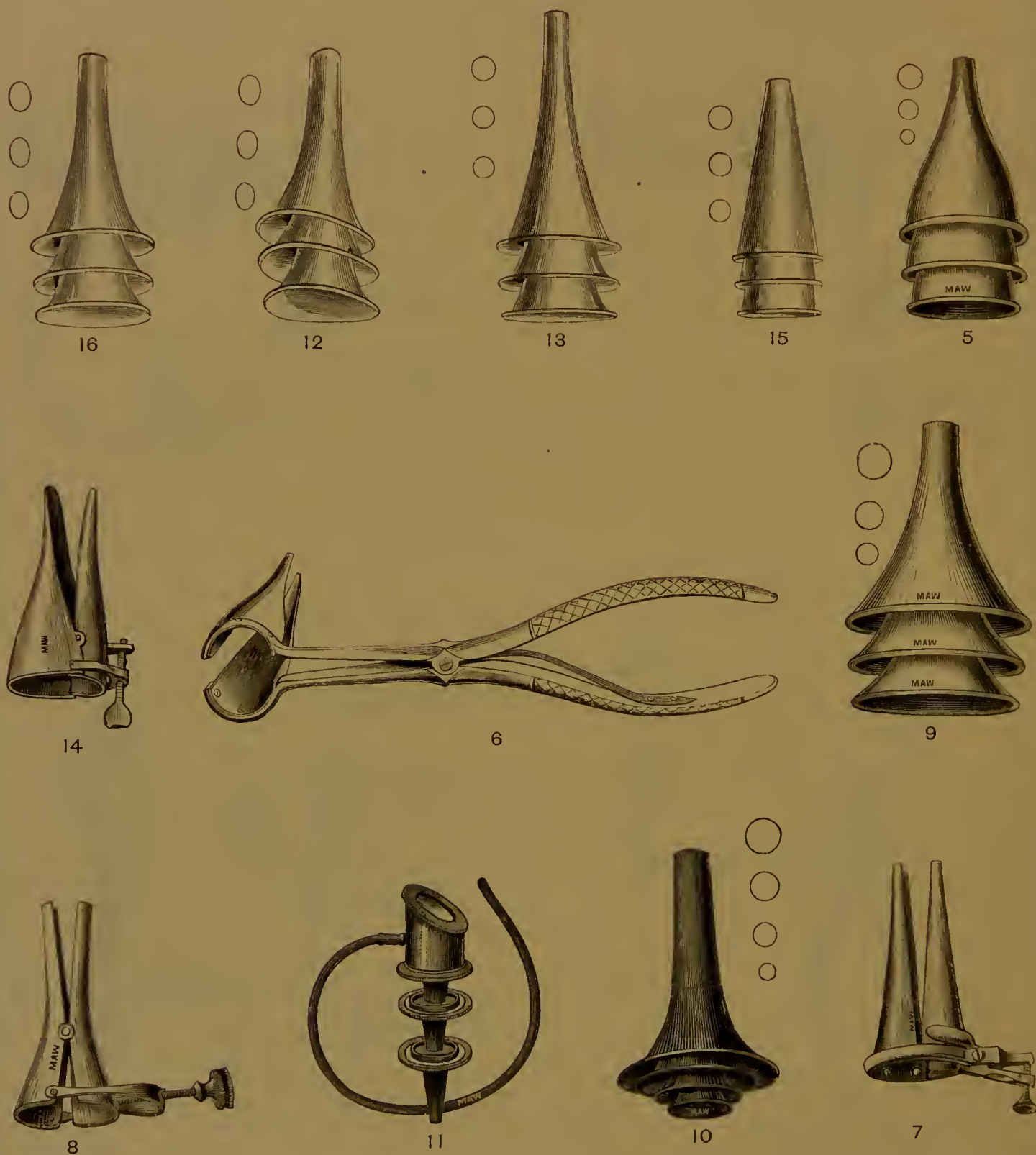


Fig. 5. GRUBER'S.

Fig. 6. KRAMER'S.

Fig. 7. MAW'S.

Fig. 8. MAW'S.

Fig. 9. NICHOLL'S.

Fig. 10. POLITZER'S.

Fig. 11. SIEGLE'S.

Fig. 12. TOYNBEE'S.

Fig. 13. TURNER'S.

Fig. 14. WOAKE'S.

Fig. 15. WYLDE'S.

Fig. 16. YEARSLEY'S.

FOR DIAGNOSIS.

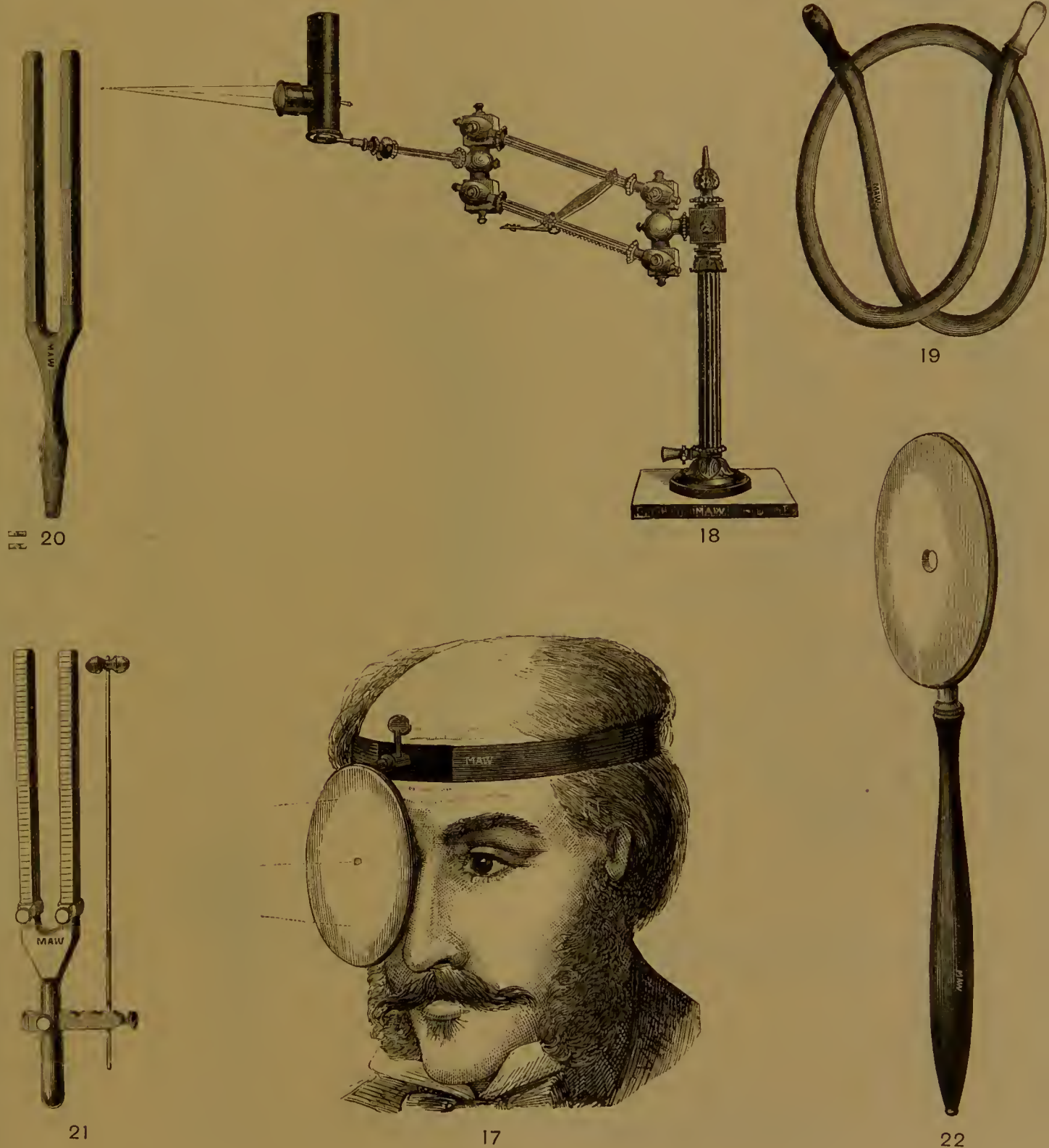


Fig. 17. FRONTAL BAND AND MIRROR.

Fig. 18. LAMP AND CONDENSING LENS.

Fig. 19. OTOSCOPE, TOYNBEE'S.

Fig. 20. SOUND FORK.

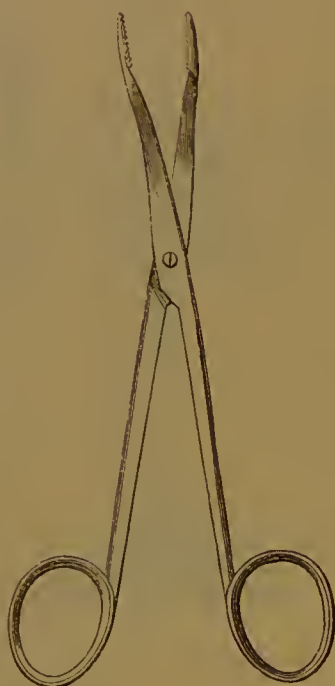
Fig. 21. SOUND FORK, "BLAKES'."

Fig. 22. VON TROELTSCH'S MIRROR.

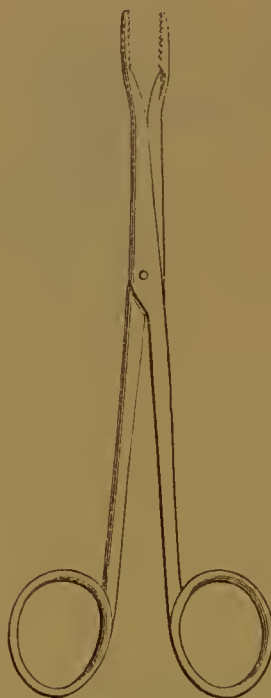
FOR THE EXTRACTION OF FOREIGN BODIES,
POLYPUS, ETC.



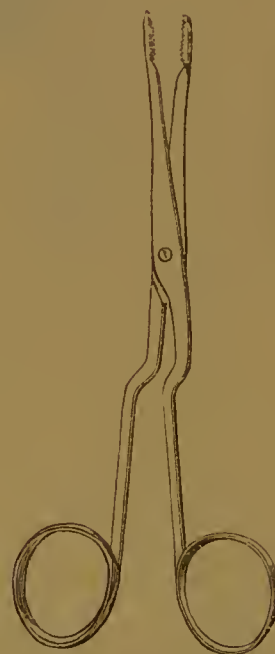
29



26



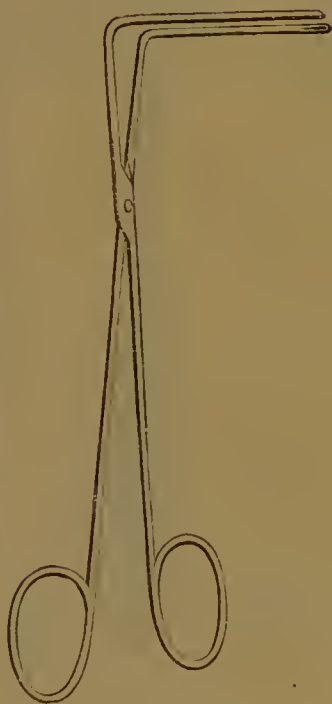
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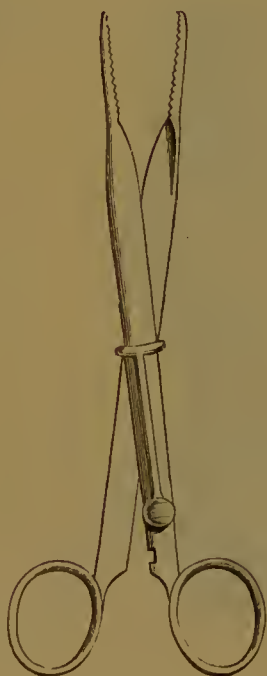
28



24



25



30



31



32



23

Fig. 23. FORCEPS FOR FOREIGN BODIES.
Fig. 24. FORCEPS FOR FOREIGN BODIES.
Fig. 25. FORCEPS FOR FOREIGN BODIES, TOYNBEE'S.
Fig. 26. FORCEPS FOR POLYPUS OF THE EAR.
Fig. 27. FORCEPS FOR POLYPUS OF THE EAR.

Fig. 28. FORCEPS FOR POLYPUS OF THE EAR.
Fig. 29. FORCEPS FOR POLYPUS OF THE NOSE.
Fig. 30. FORCEPS FOR POLYPUS OF THE NOSE.
Fig. 31. FORCEPS FOR THE APPLICATION OF WOOL.
Fig. 32. FORCEPS FOR THE APPLICATION OF WOOL.

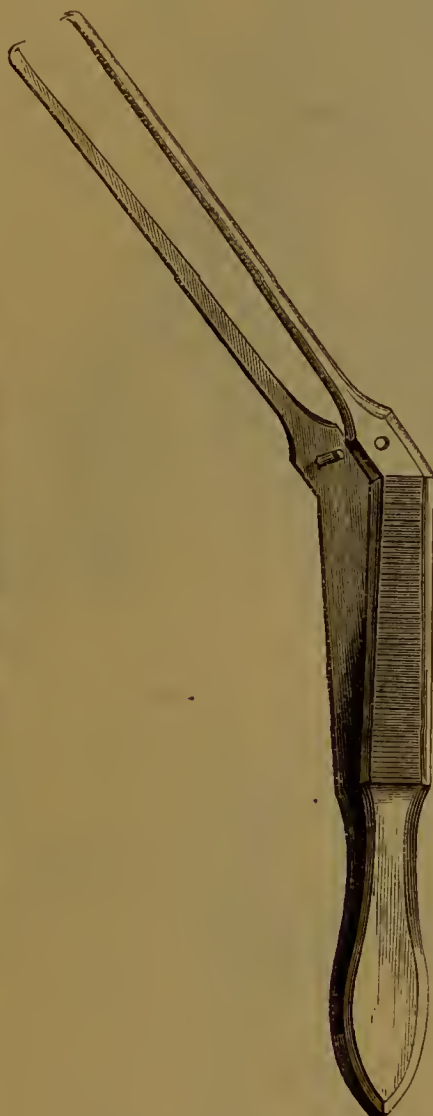
FOR THE EXTRACTION OF FOREIGN BODIES, POLYPUS, ETC. (*Continued*).



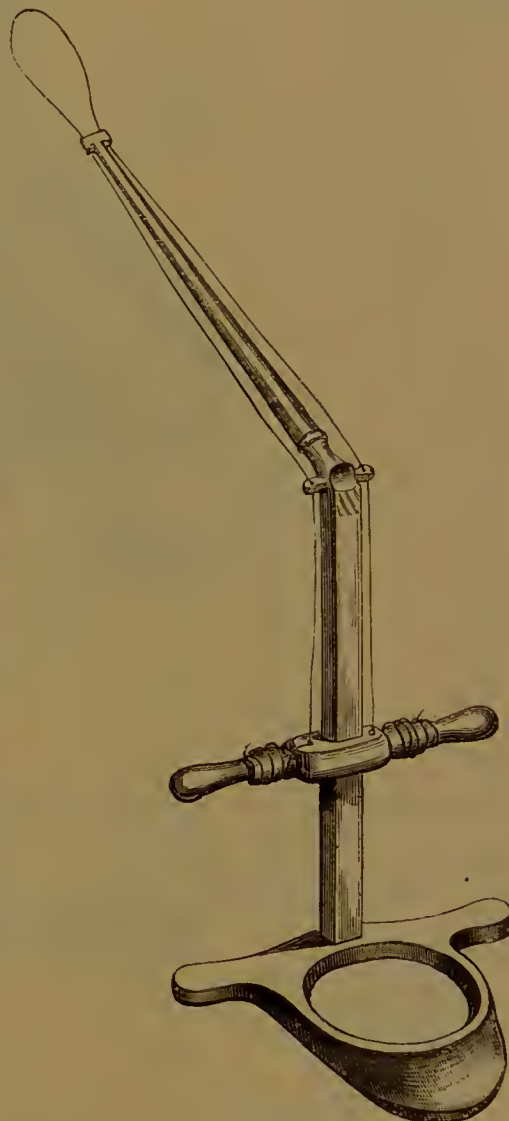
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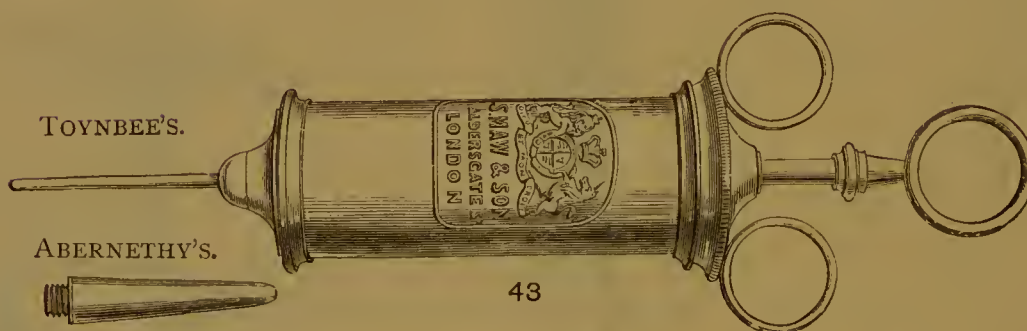
Fig. 33. FORCEPS, THOMAS'.
 Fig. 34. SHARP HOOK, THOMAS'.
 Fig. 35. SNARE, THOMAS'.
 Fig. 36. SCOOP.

Fig. 37. SCOOP AND HOOK.
 Fig. 38. SCOOP AND SCREW.
 Fig. 39. TOYNBEE'S LEVER FORCEPS.

FOR THE REMOVAL OF FOREIGN BODIES, SECRETIONS, ETC.



41



43



40



42

- Fig. 40. ALLEN'S SYRINGE.
 Fig. 41. SAVORY AND MOORE'S DOUCHE.
 Fig. 42. SIMS' SYRINGE.
 Fig. 43. TOYNBEE'S OR ABERNETHY'S SYRINGE.

FOR THE REMOVAL OF FOREIGN BODIES, SECRETIONS, ETC. (*Continued*).

Fig. 44. CANULA FOR EPISTAXIS, BELLOC'S.

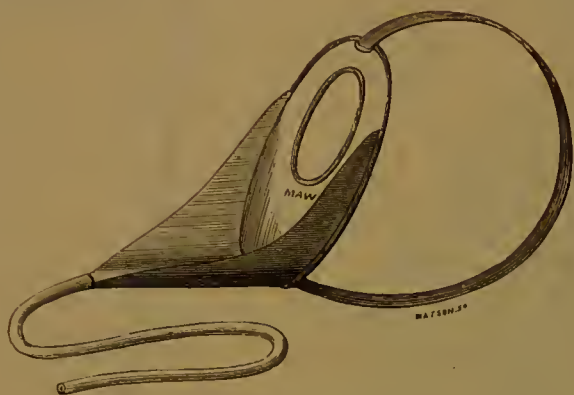
Fig. 45. NOSE DOUCHE.

Fig. 46. NOSE DOUCHE, MAW'S.

Fig. 47. NOSE SYRINGE, MAW'S.

Fig. 48. NOSE SYRINGE, POLITZER'S.

Fig. 49. NOSE SYRINGE, PROSSER JAMES'.

FOR THE REMOVAL OF FOREIGN BODIES, SECRETIONS, ETC. (*Continued*).

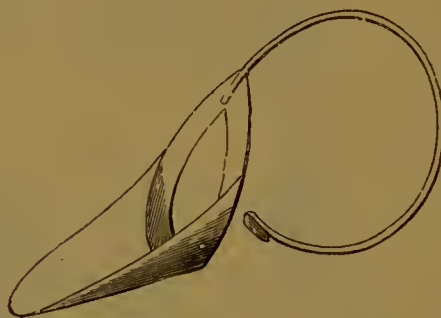
53



52



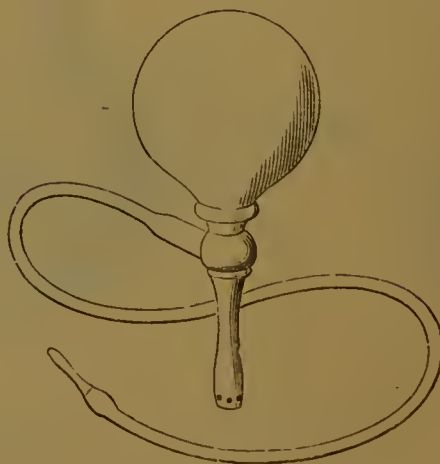
50



51



54



55

Fig. 50. CHANNEL, WITH EAR LOOP.

Fig. 51. CHANNEL, WITH HEAD SPRING.

Fig. 52. CHANNEL, WITH HEAD BAND.

Fig. 53. CHANNEL, WITH WASTE TUBE.

Fig. 54. INDIA-RUBBER SYRINGE.

Fig. 55. INDIA-RUBBER SYRINGE, MAW'S.

FOR THE EUSTACHIAN TUBE AND MIDDLE EAR.



Fig. 56. ALLEN'S AIR BAG.

Fig. 57. POLITZER'S AIR BAG.

Fig. 58. SPRAY FOR THE EUSTACHIAN TUBE.

Fig. 59. SPRAY FOR THE VAPOUR OF IODINE.

EUSTACHIAN TUBES.

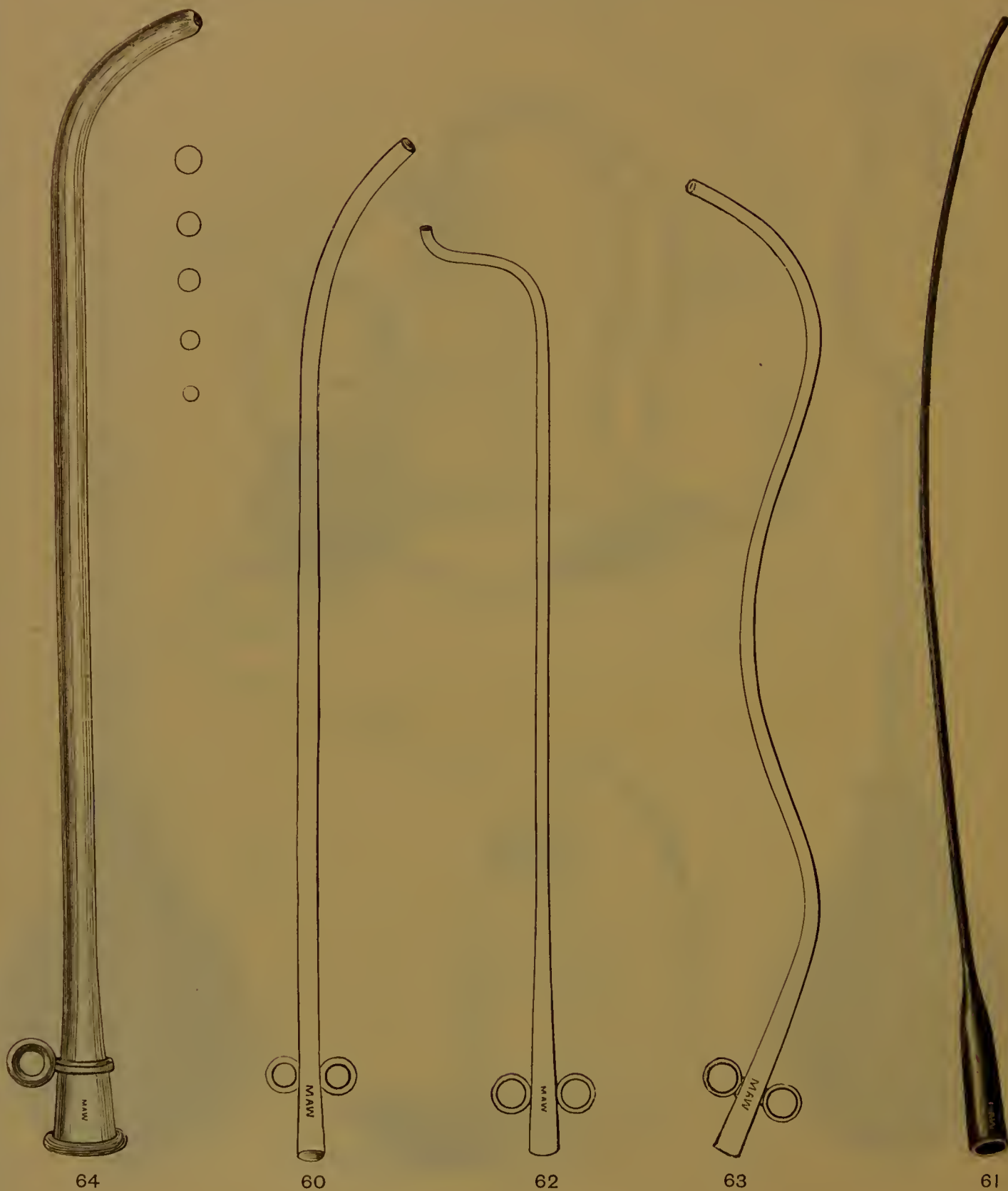


Fig. 60. KRAMER'S.
Fig. 61. MAW'S.

Fig. 62. NOVES'.
Fig. 63. PILCHER'S.

Fig. 64. POLITZER'S.

FOR OPERATIONS ON THE TYMPANUM.

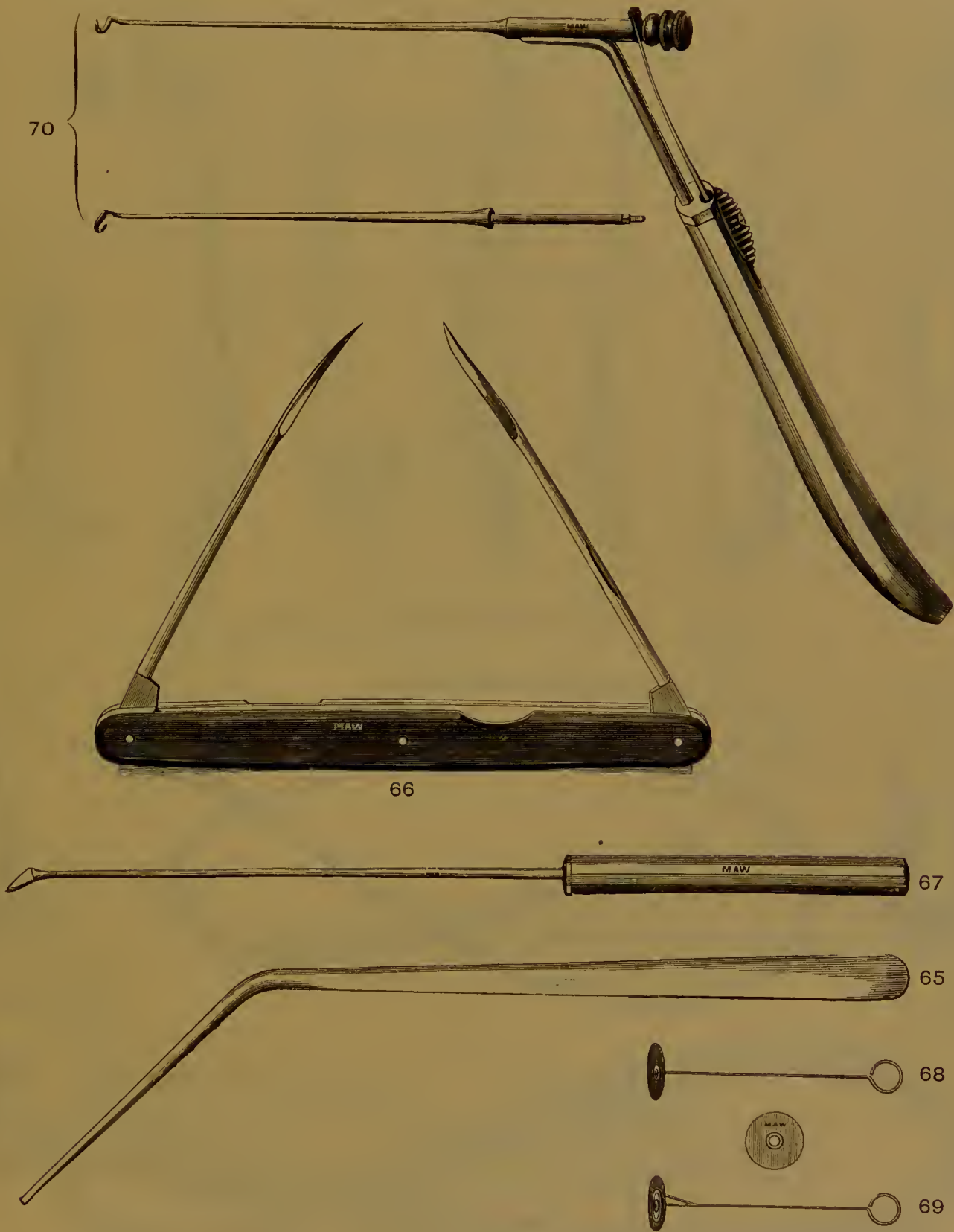


Fig. 65. GLASS ROD, FOR ACIDS.
Fig. 66. GRUBER'S KNIFE.
Fig. 67. PROUT'S KNIFE, FOR DIVIDING
ADHESIONS.

Fig. 68. TOYNBEE'S TYMPANUM.
Fig. 69. TOYNBEE'S TYMPANUM, DOUBLE RING.
Fig. 70. WEBER'S KNIFE, FOR DIVIDING THE
TENSOR TYMPANUM.

HEARING APPARATUS.

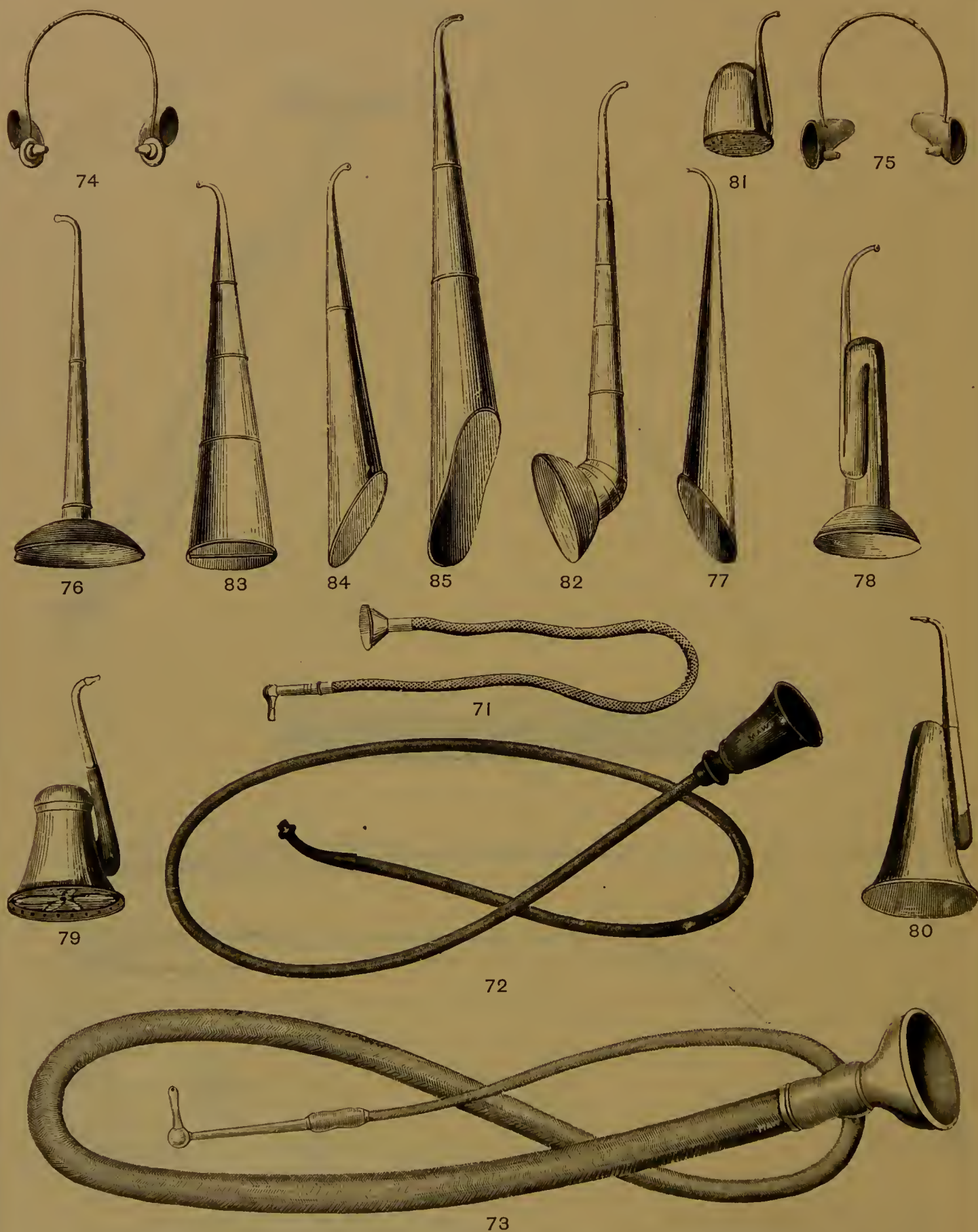


Fig. 71. CONVERSATION TUBE.
 Fig. 72. CONVERSATION TUBE.
 Fig. 73. CONVERSATION TUBE.

Fig. 74. CORNET.
 Fig. 75. CORNET.
 Figs. 76 to 85. TRUMPETS.

INSTRUMENTS FOR NASAL DIAGNOSIS AND EXTRACTION OF NASAL POLYPUS.

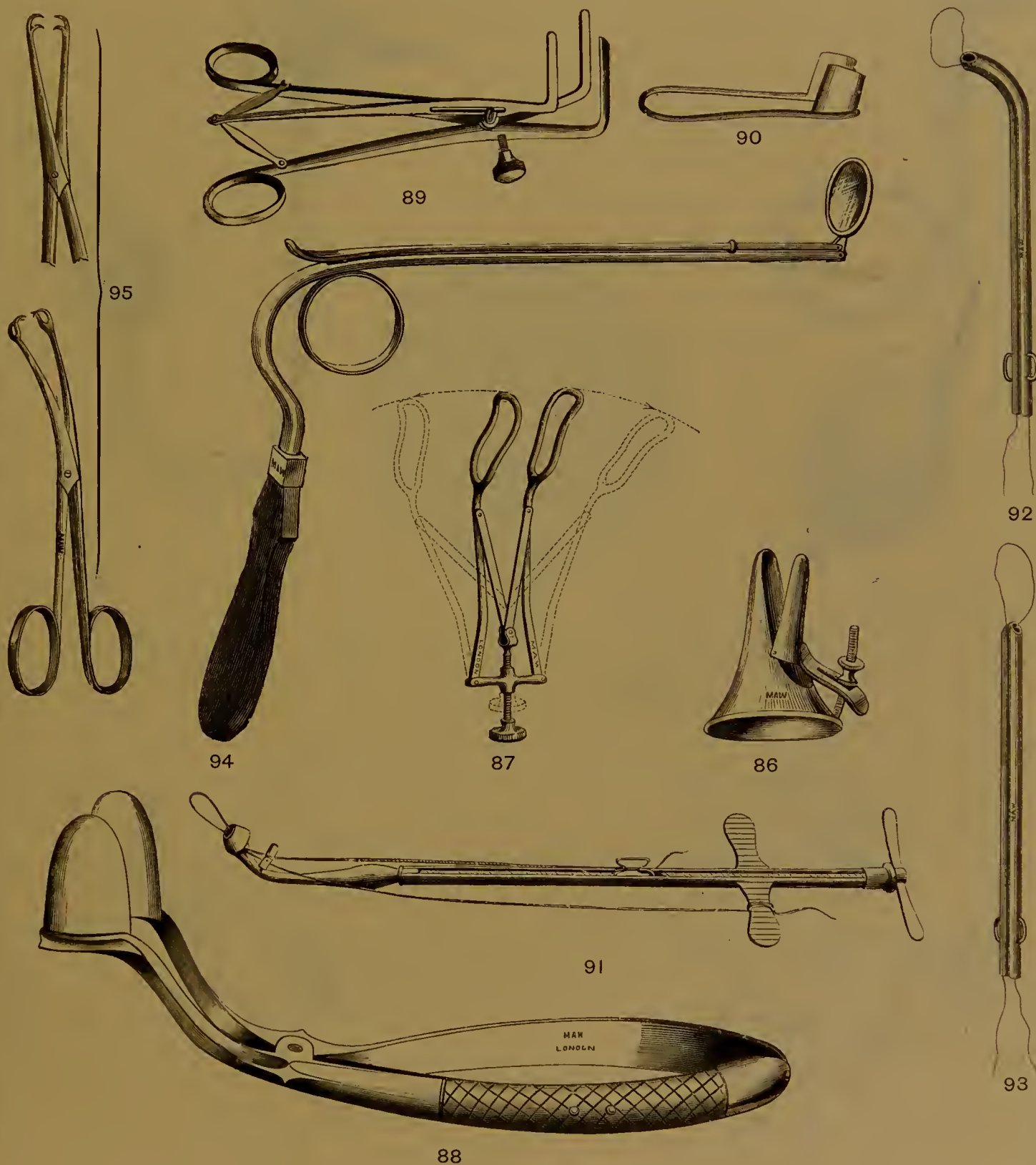


Fig. 86. DILATOR, COLIN'S.
 Fig. 87. DILATOR, FRAENKEL'S.
 Fig. 88. DILATOR, MAW'S.
 Fig. 89. DILATOR, TRIVALVE.
 Fig. 90. DILATOR, THUDICHUM'S.

Fig. 91. ÉCRASEUR.
 Fig. 92. NASAL CANULA.
 Fig. 93. NASAL CANULA.
 Fig. 94. RHINOSCOPE.
 Fig. 95. VULSELLUMS.

GARDINER BROWN'S INSTRUMENTS.



Fig. 96. AIR DOUCHE, WITH NOSE-PIECE.

Fig. 97. AURAL MIRROR.

Fig. 98. BREATH INTERCEPTER, APPLIED TO
SIEGLE'S SPECULUM.

Fig. 99. EAR TROUGH.

Fig. 100. HOOK FOR EXTRACTING FOREIGN BODIES
FROM EXTERNAL AUDITORY MEATUS.

Fig. 101. MODE OF USING HOOK.

SECTION VI.



MOUTH AND THROAT INSTRUMENTS.

CONTENTS OF SECTION VI.

BRONCHITIS KETTLES.

BRUSHES.

CANULA AND NEEDLES FOR
STAPHYLOGRAPHY.

CAUTERY INSTRUMENTS.

CLEFT PALATE INSTRUMENTS.

FORCEPS.

GAGS.

GUILLOTINES.

HARE-LIP INSTRUMENTS.

INHALERS.

INSUFFLATORS.

LAMPS.

LARYNGEAL KNIVES.

LARYNGEAL LANCETS.

LARYNGEAL MIRRORS.

LARYNGOSCOPES.

ŒSOPHAGUS INSTRUMENTS.

PIPETTES.

PROBES.

SCISSORS.

SNARES.

SOUNDS.

SPRAY PRODUCERS.

SYRINGES.

TONGUE DEPRESSORS.

TONSIL KNIVES.

TONSIL LANCETS.

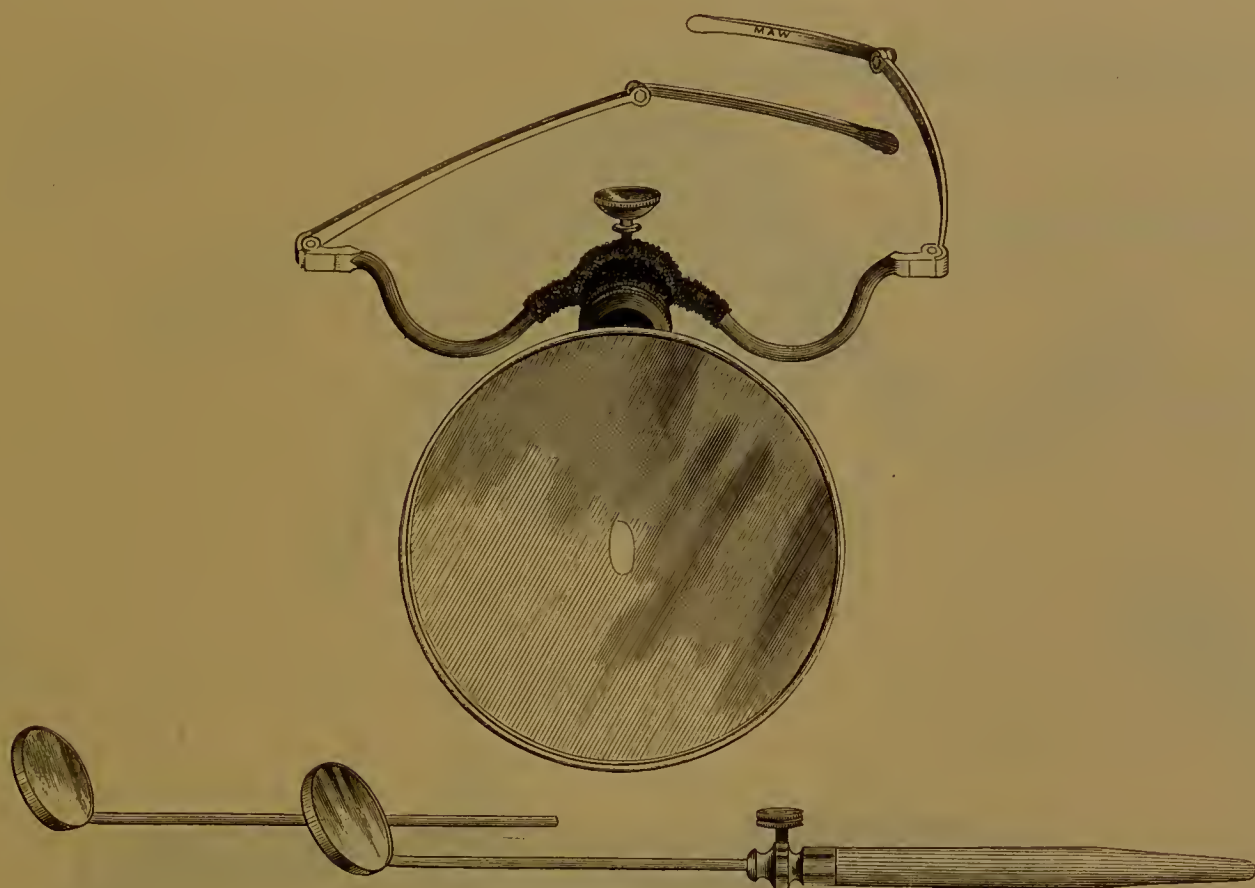
TRACHEOTOMY INSTRUMENTS.

UVULA KNIVES.

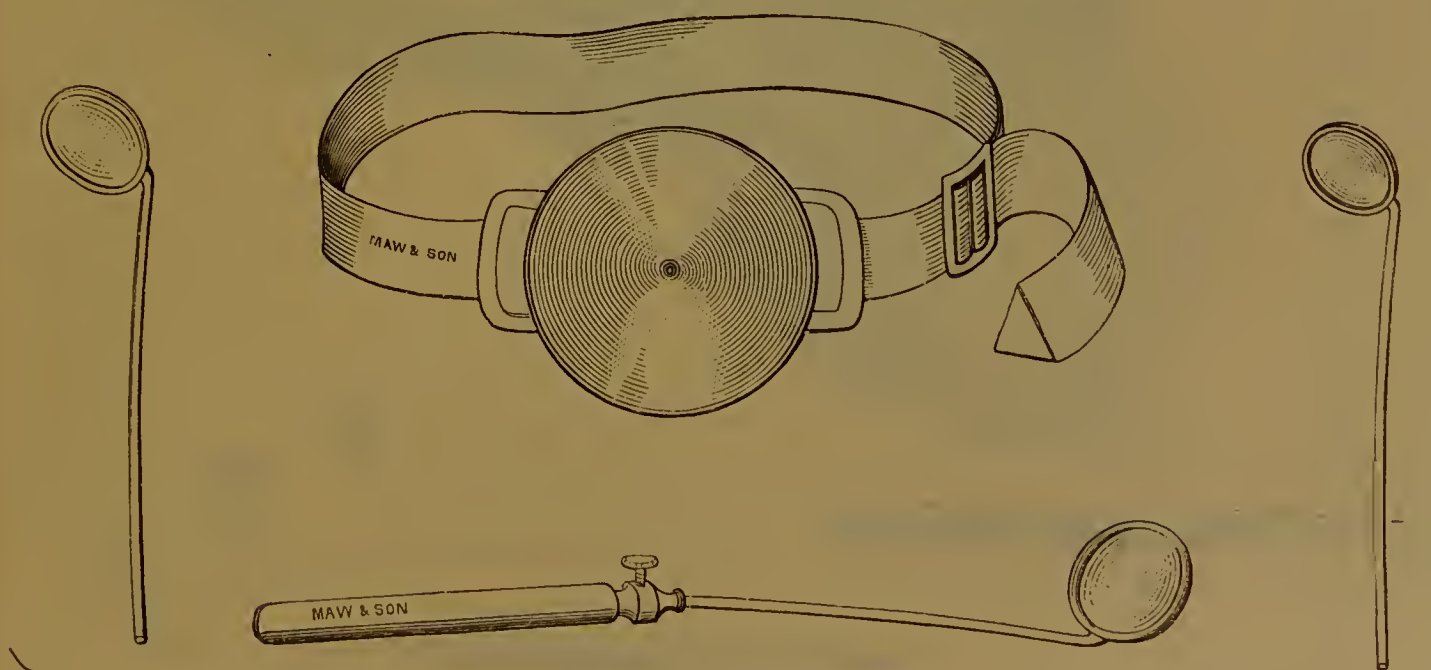
UVULA LANCETS.

VULSELLUMS.

FOR DIAGNOSIS.



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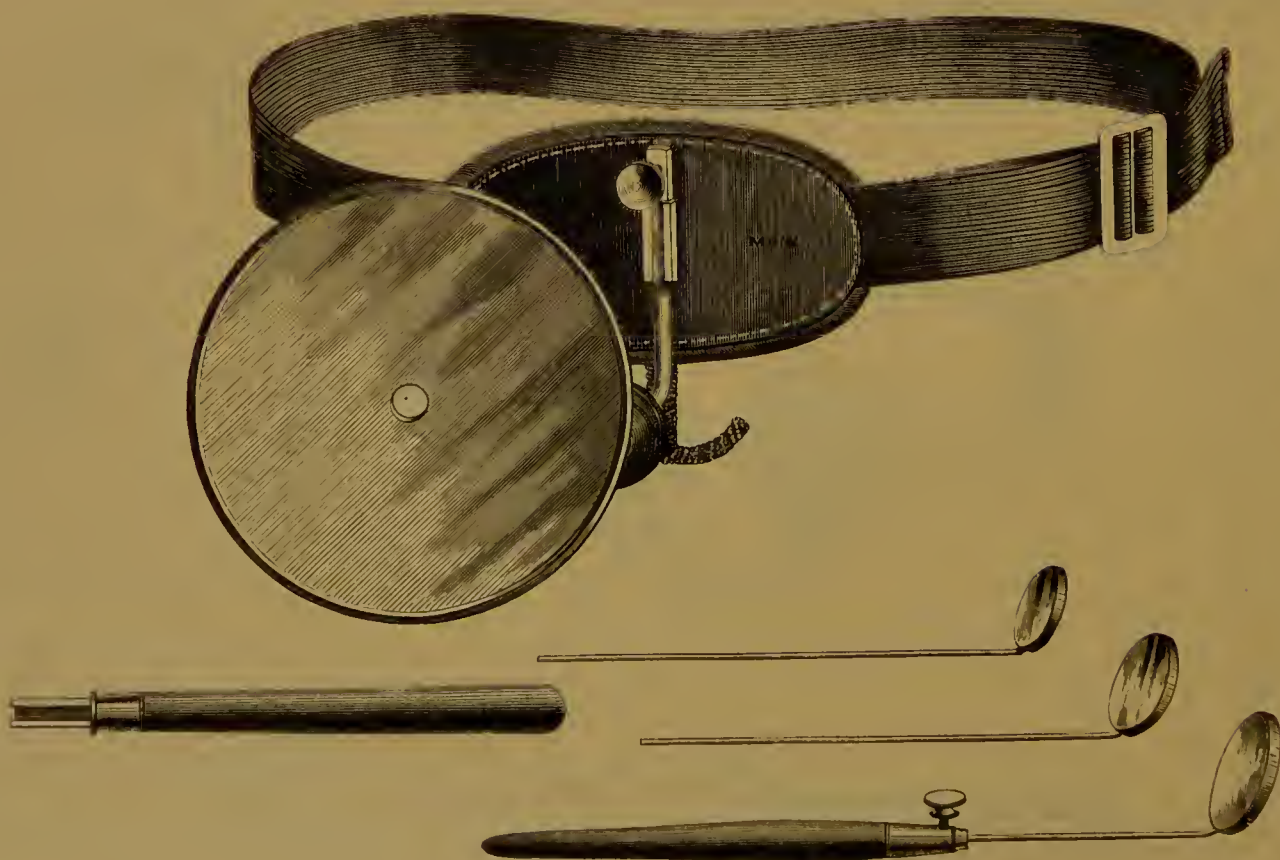
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Fig. 1. LARYNGOSCOPE, WITH TWO LARYNGEAL MIRRORS, MACKENZIE'S.

Fig. 2. LARYNGOSCOPE, WITH FRONTAL BAND AND THREE LARYNGEAL MIRRORS.

FOR DIAGNOSIS (*Continued*).

3

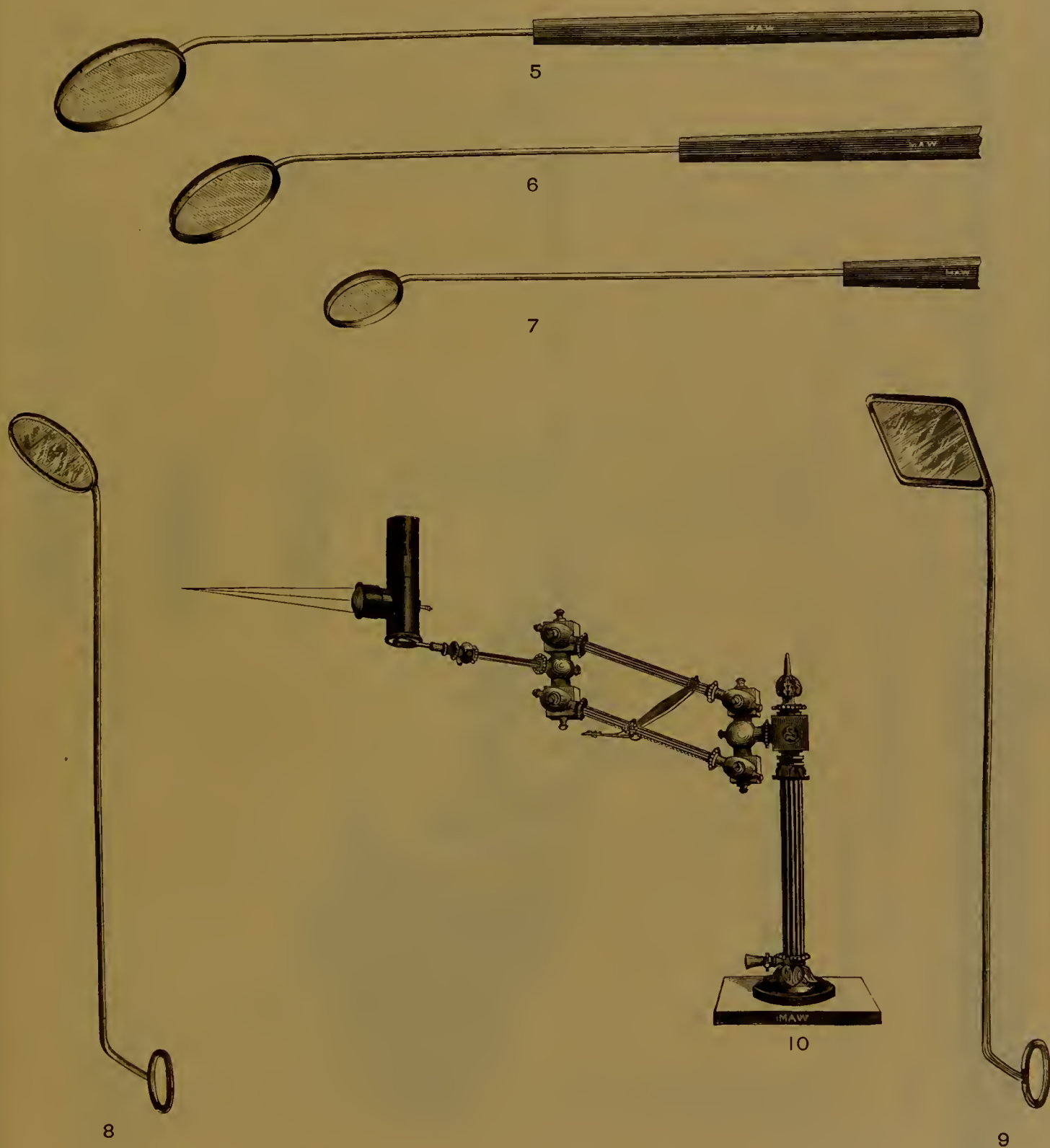


4

Fig. 3. LARYNGOSCOPE, WITH LENS, PROSSER JAMES'.

Fig. 4. LARYNGOSCOPE, WITH ELASTIC FRONTAL BAND AND LARYNGEAL MIRRORS, TÜRCK'S.

FOR DIAGNOSIS (*Continued*).



Figs. 5 to 7. LARYNGEAL MIRRORS (Set of Three).

Fig. 8. LARYNGEAL MIRROR.

Fig. 9. LARYNGEAL MIRROR.

Fig. 10. LAMP, WITH CONDENSING LENS.

CANULA AND NEEDLES FOR STAPHYLOGRAPHY.



Fig. 11. CANULA AND NEEDLES, T. SMITH'S.
 Figs. 12 }
 to 14. } NEEDLES, T. SMITH'S.

CLEFT PALATE INSTRUMENTS.



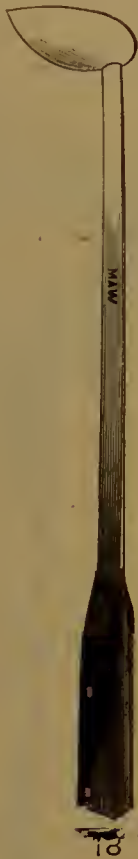
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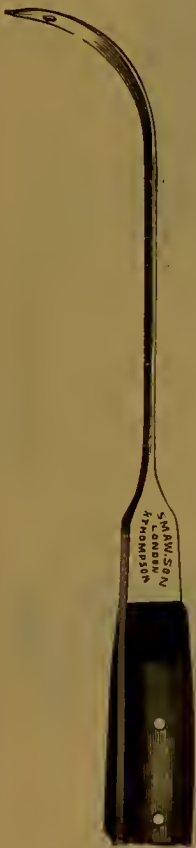
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22



18



20



16



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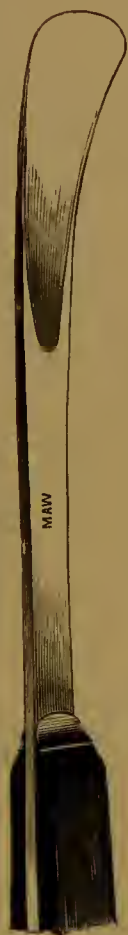


21

Fig. 15. AWL.
Fig. 16. FORCEPS.
Fig. 17. GAG, COLEMAN'S.
Fig. 18. KNIFE, ANGULAR BLADE.

Fig. 19. LEVER.
Fig. 20. NEEDLE.
Fig. 21. NEEDLE.
Fig. 22. SCISSORS.

MR. F. MASON'S CLEFT PALATE INSTRUMENTS, ETC.



24



26



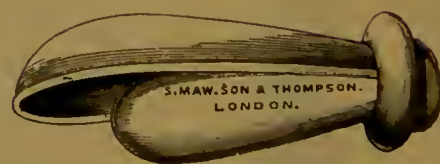
27



23



25



28

Fig. 23. CURVED BISTOURY.

Fig. 24. CURVED ELEVATOR.

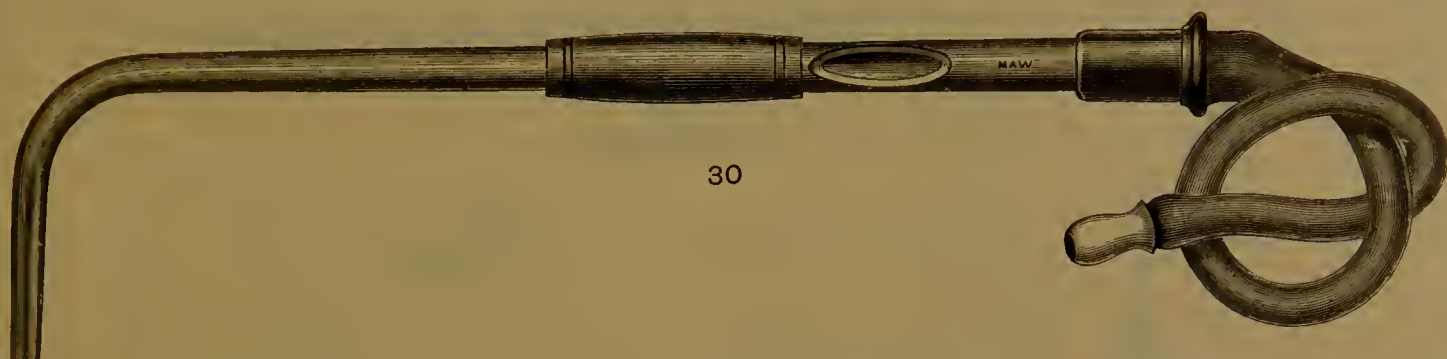
Fig. 25. FORCEPS, WITH LONG BLADES.

Fig. 26. STRAIGHT BISTOURY.

Fig. 27. STRAIGHT CHISEL.

Fig. 28. TEAT AND PALATE SHIELD, COLES'.

INSUFFLATORS FOR THE APPLICATION OF POWDERS.



30



32



33



34



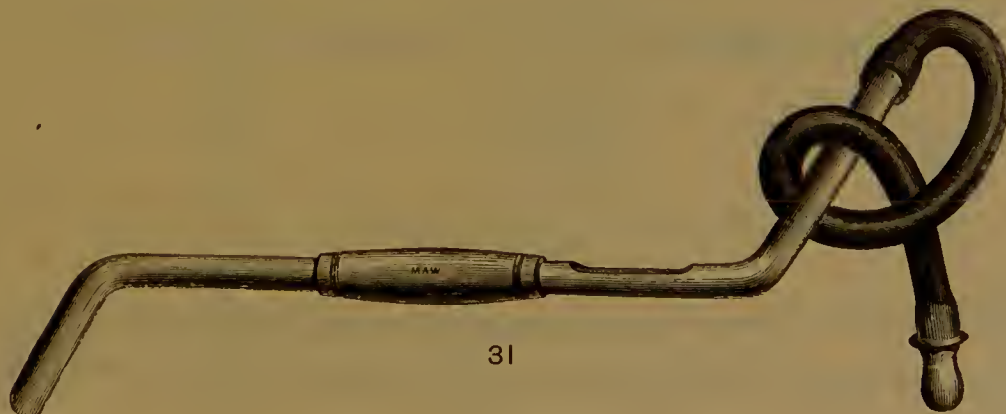
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36



29

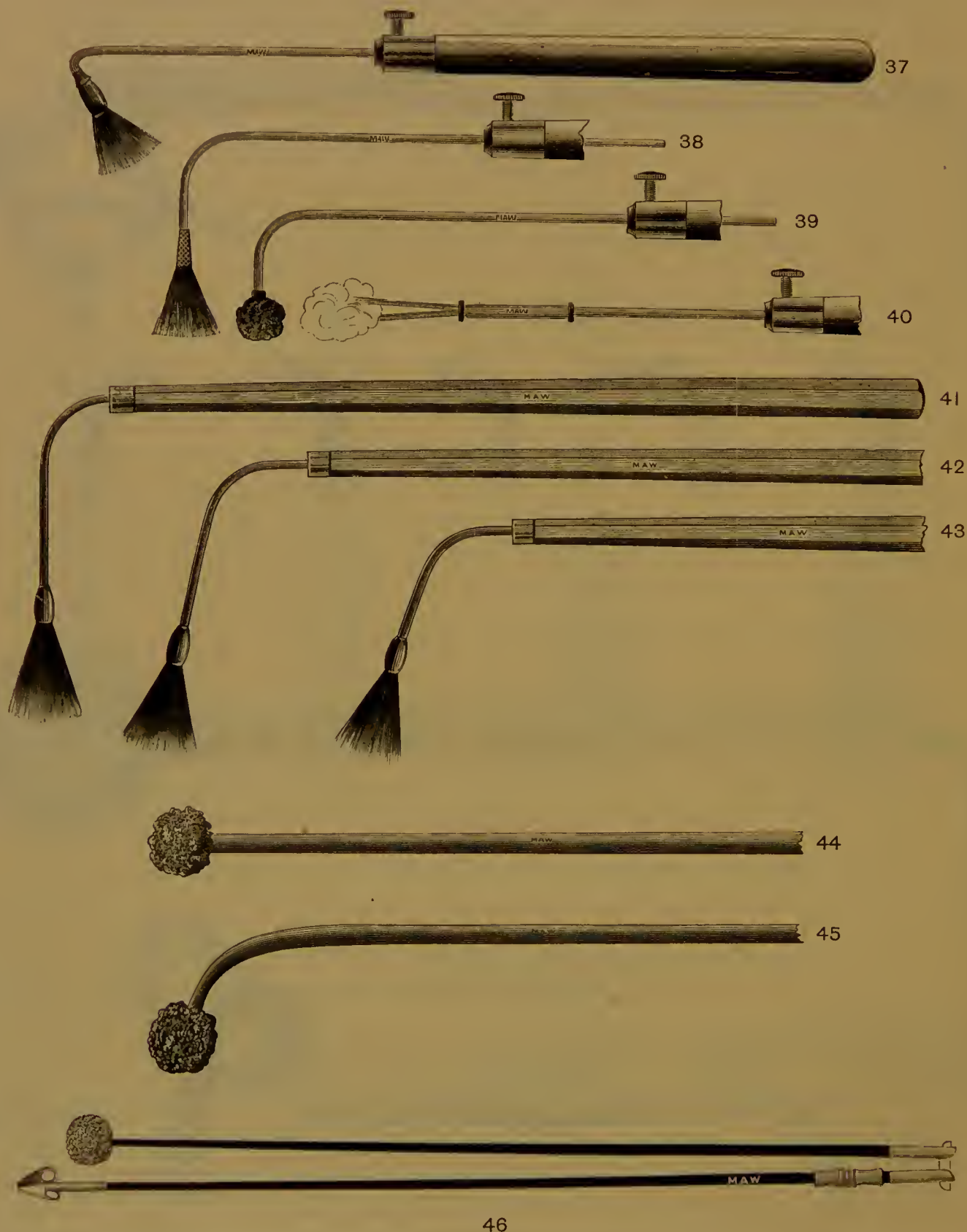


31

Fig. 29. RAUCHFUSS'.
 Fig. 30. SCHRÖTTER'S.
 Fig. 31. SCHRÖTTER'S.
 Fig. 32. ANTERIOR OPENING.

Fig. 33. INFERIOR OPENING.
 Fig. 34. POSTERIOR OPENING.
 Fig. 35. LEFT OPENING.
 Fig. 36. RIGHT OPENING.

FOR THE APPLICATION OF SOLUTIONS.



46

Figs. 37 } BRUSHES, PROBANG, AND WOOL HOLDER,
to 40. } FITTING ONE HANDLE.
Figs. 41 } BRUSHES, WITH ALUMINIUM STEMS.
to 43. }

Fig. 44. PROBANG, CURVED.
Fig. 45. PROBANG, STRAIGHT.
Fig. 46. PROBANG, WITH EXTRACTING CLIP.

FOR THE APPLICATION OF SOLUTIONS (Continued).

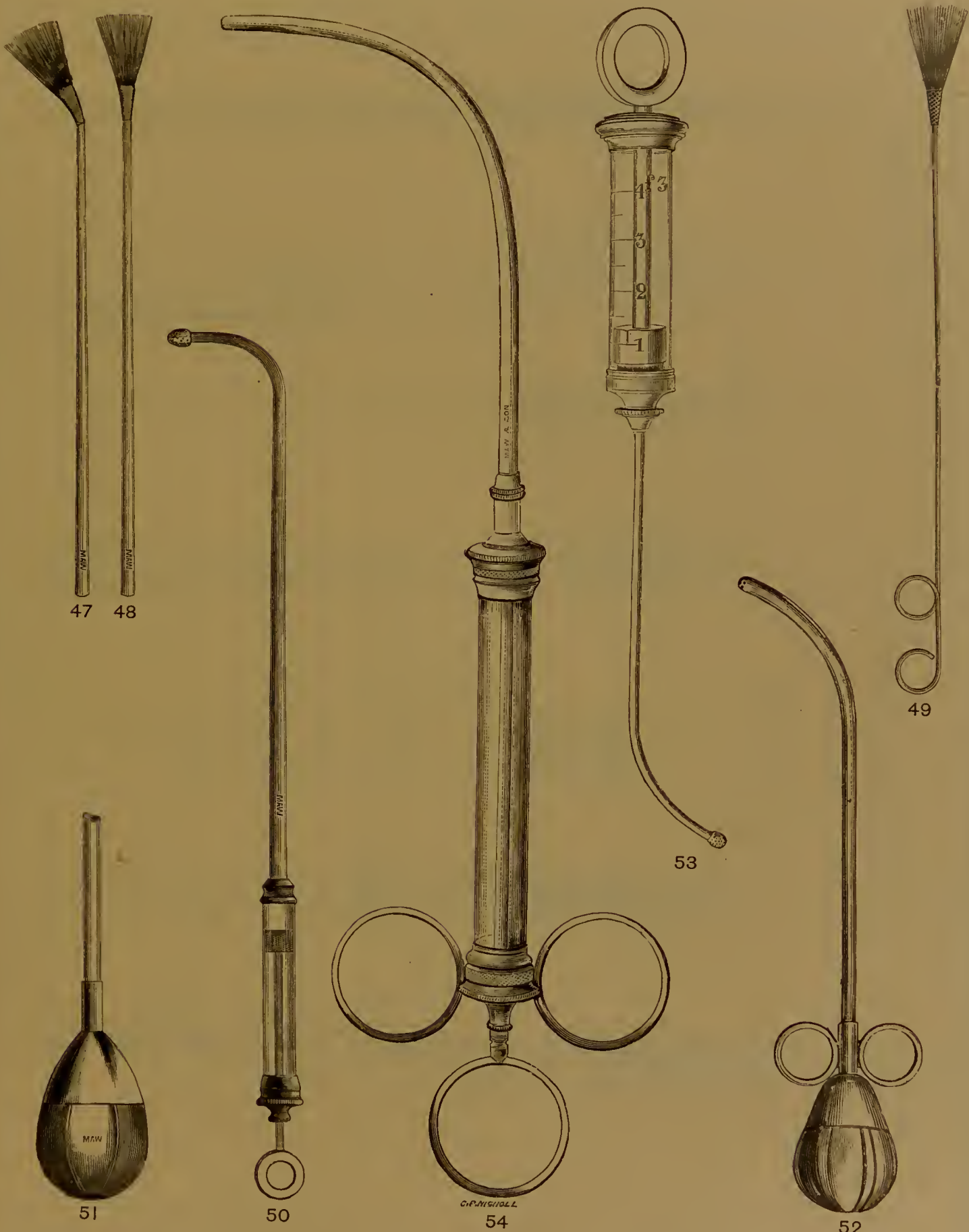


Fig. 47. } MOUTH AND THROAT
Fig. 48. } BRUSHES.
Fig. 49. }

Fig. 50. SYRINGE, FLEXIBLE PIPE.
Fig. 51. SYRINGE, FLEXIBLE PIPE.

Fig. 52. SYRINGE, GIBBS'.
Fig. 53. SYRINGE, } MAW'S.
Fig. 54. SYRINGE, }

FOR THE SCARIFICATION OF THE LARYNX, UVULA, Etc.

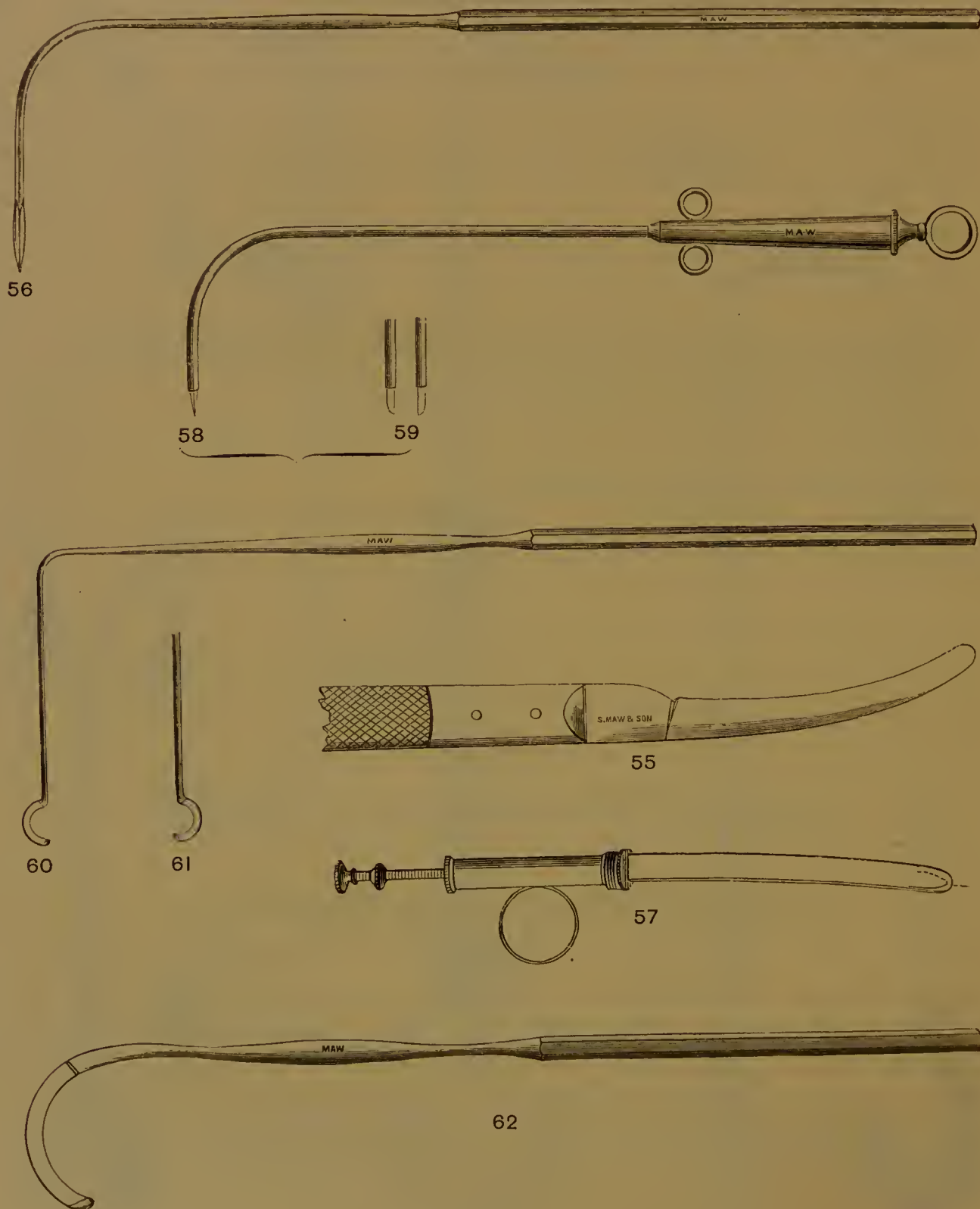
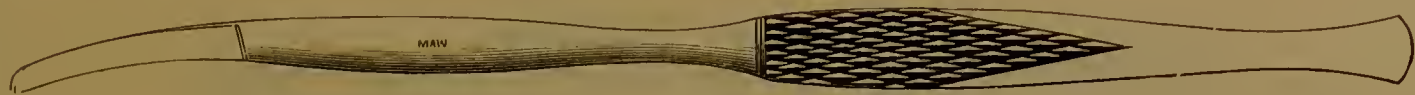


Fig. 55. BISTOURY.
 Fig. 56. LANCET.
 Fig. 57. LANCET, WITH SPRING.
 Figs. 58, 59. LANCETS, GUARDED, WITH SPRING.

Fig. 60. LARYNGEAL SICKLE,
 Fig. 61. LARYNGEAL SICKLE, } PROSSER JAMES.
 Fig. 62. UVULA SICKLE,

FOR ABSCESSSES, EXCISION OF THE TONSILS, UVULA, ETC.



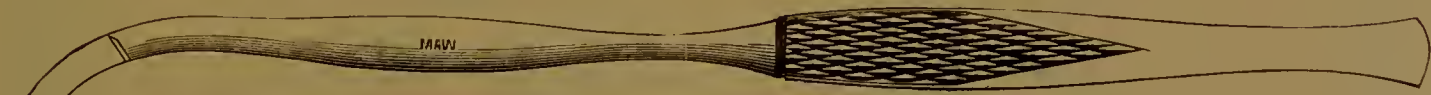
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64



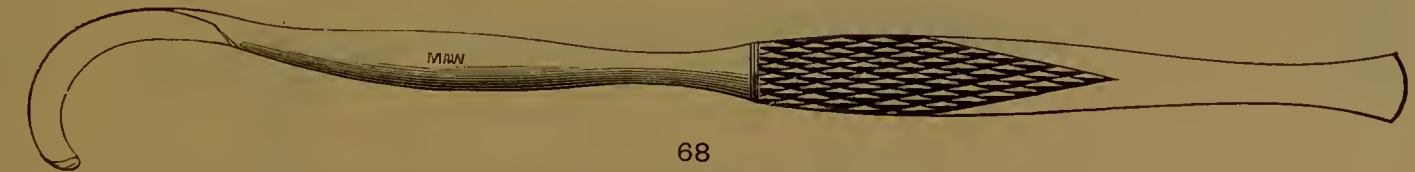
65



66



67



68



69

Fig. 63. ABSCESS KNIFE, BAUDEN'S.
Fig. 64. ABSCESS KNIFE, } SYME'S.
Fig. 65. ABSCESS KNIFE, }
Fig. 66. TONSIL SICKLE, PROSSER JAMES'.

Fig. 67. TONSIL SICKLE, } PROSSER JAMES'.
Fig. 68. TONSIL SICKLE, }
Fig. 69. TUMOUR SYRINGE, GUARDED.

FOR THE EXCISION OF THE TONSILS, UVULA, ETC.

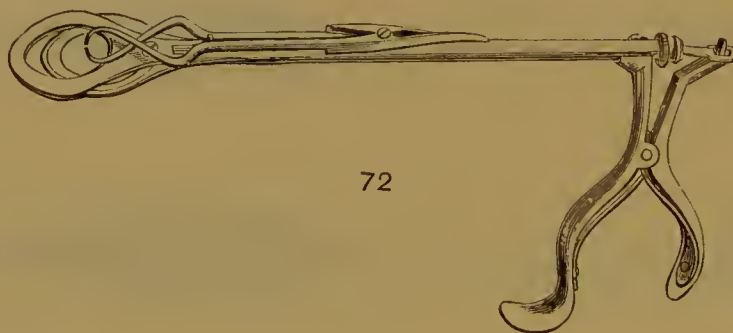
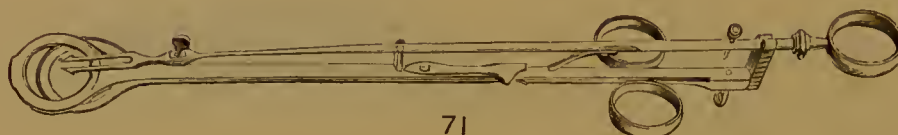


Fig. 70. GUILLOTINE.

Fig. 71. GUILLOTINE, MATHIEU'S.

Fig. 72. GUILLOTINE, SPRING-ACTION.

Fig. 73. GUILLOTINE, GUARDED.

Figs. 74 } GUILLOTINES, MACKENZIE'S.
to 76. }

FOR THE EXCISION OF THE TONSILS, UVULA, ETC. (Continued).

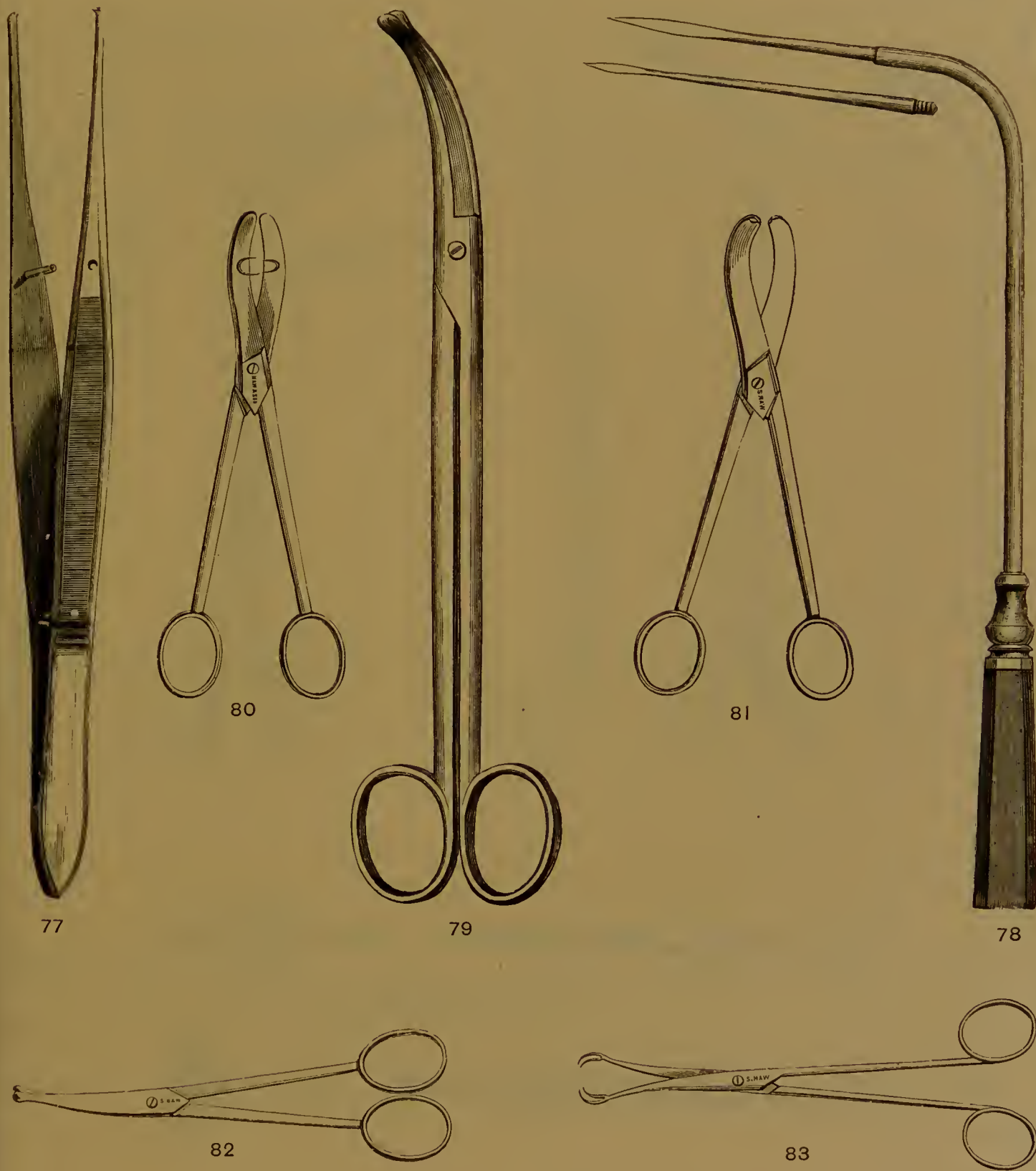


Fig. 77. FORCEPS, UVULA,
Fig. 78. LANCET FOR THE LARYNX,
Fig. 79. SCISSORS, UVULA,

} THOMAS'.

Fig. 80. SCISSORS, PRONGED BLADES, ERICHSEN'S.
Fig. 81. SCISSORS, CONCAVE BLADES, ERICHSEN'S.
Fig. 82. SCISSORS, PROBE POINTS.
Fig. 83. VULSELLUM.

FOR THE REMOVAL OF FOREIGN BODIES, ETC.

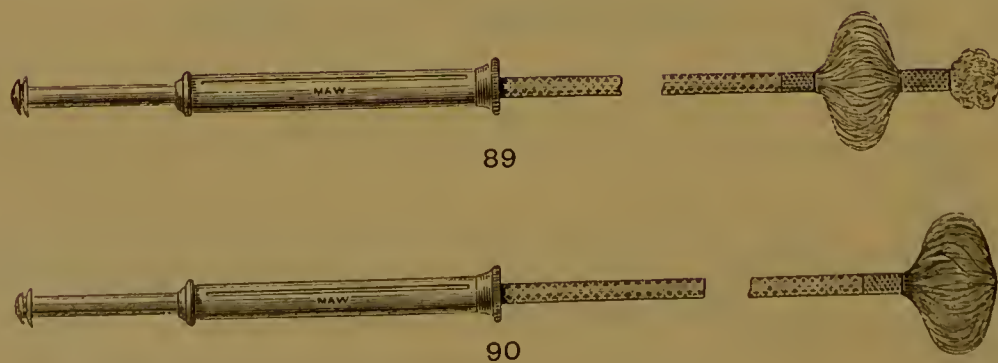
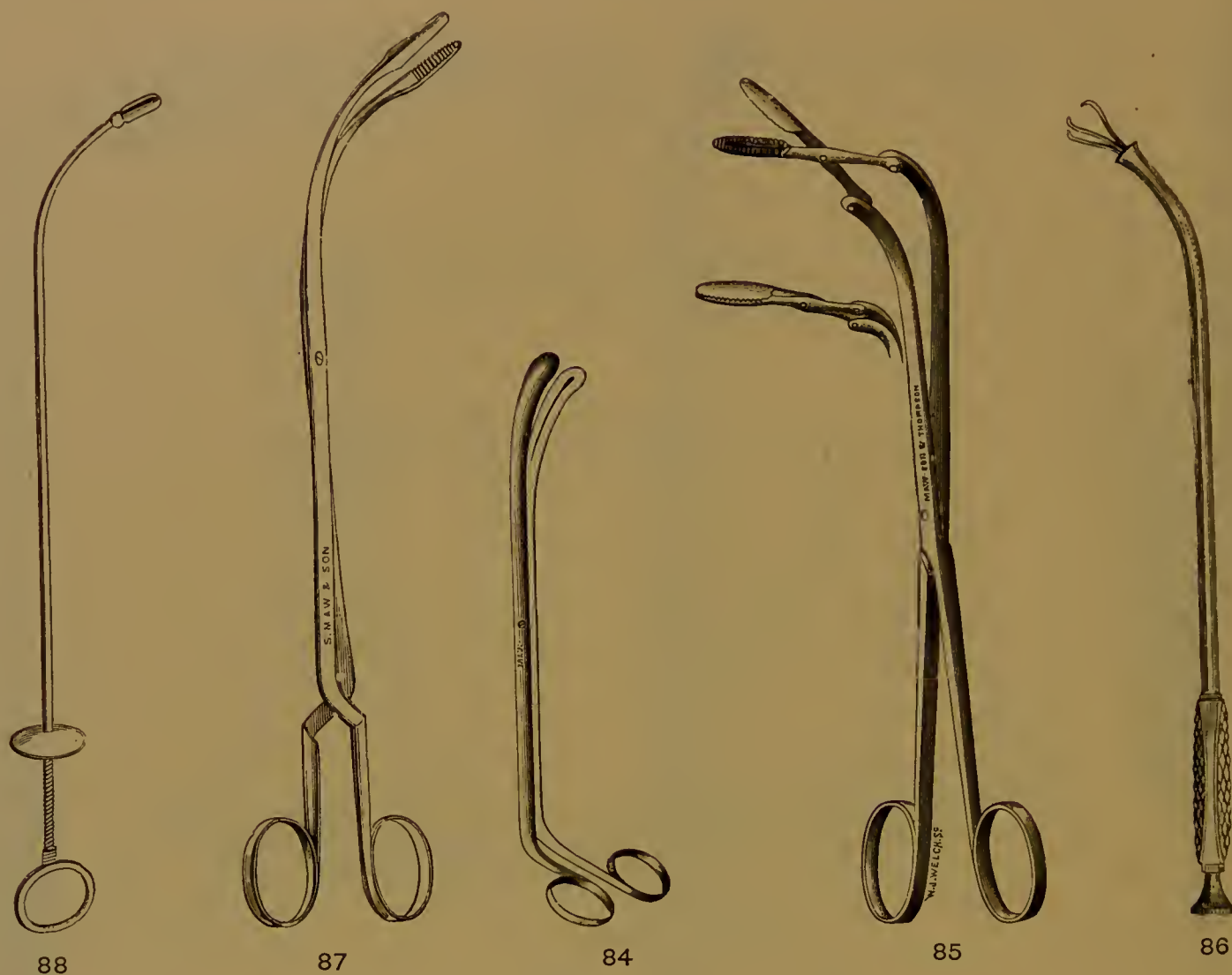


Fig. 84. FORCEPS, BURGE'S.
 Fig. 85. FORCEPS, CUSCO'S.
 Fig. 86. FORCEPS, COTTON'S.
 Fig. 87. FORCEPS, MAW'S.

Fig. 88. FORCEPS, SPRING STEM.
 Fig. 89. SNARE, EXPANDING.
 Fig. 90. SNARE, EXPANDING, PROSSER
 JAMES'.

LARYNGEAL FORCEPS FOR THE EXTIRPATION OF GROWTHS.

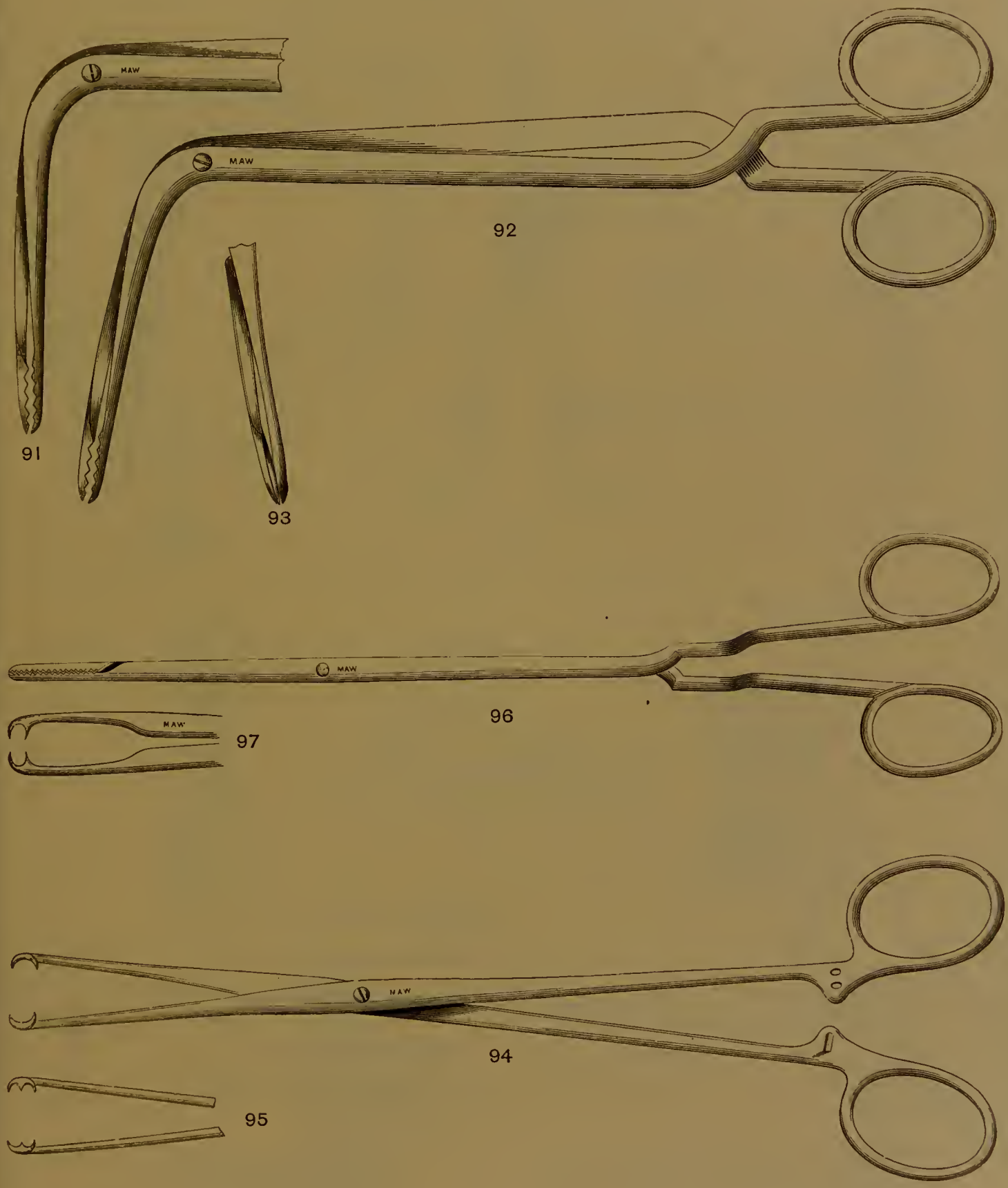


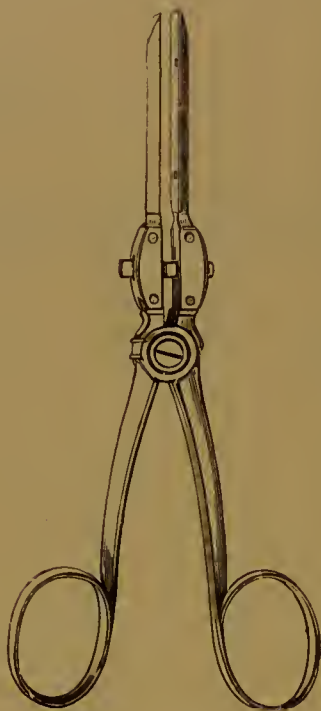
Fig. 91. OPENING ANTERO-POSTERIORLY.
Fig. 92. OPENING Laterally.

Fig. 93. FOR CRUSHING.
Figs. 94 } FOR USE WITH LARYNGEAL SICKLES.
to 97. }

FOR HARE-LIP OPERATIONS.



98



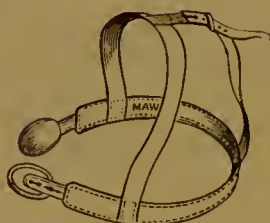
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99



107



108



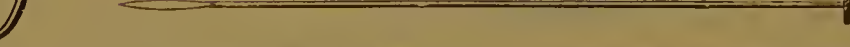
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102



103



104



105

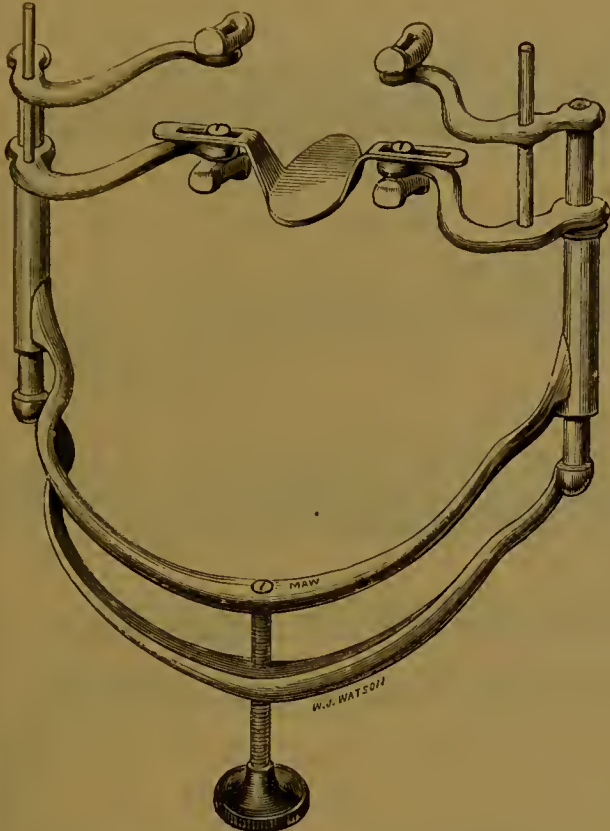


106

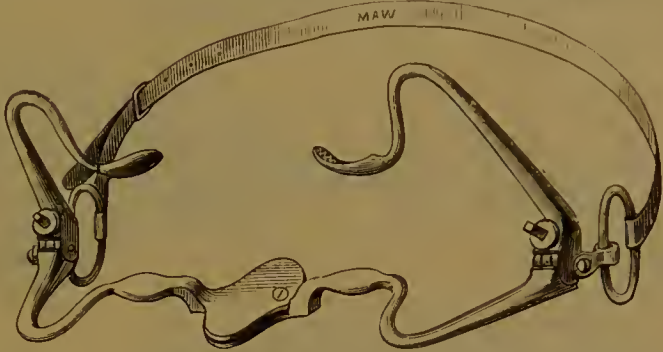
- Fig. 98. FORCEPS, } T. SMITH'S.
 Fig. 99. FORCEPS, }
 Fig. 100. FORCEPS, PARALLEL BLADES.
 Fig. 101. PIN, MOVABLE POINT.
 Fig. 102. PIN, GLASS HEAD.

- Fig. 103. PIN, STEEL HEAD.
 Fig. 104. PIN, STEEL HEAD.
 Fig. 105. PIN, TRIANGULAR POINT.
 Fig. 106. SCALPEL.
 Fig. 107. SCISSORS.
 Fig. 108. TRUSS, HAINSBY'S.

MOUTH GAGS AND WEDGES.



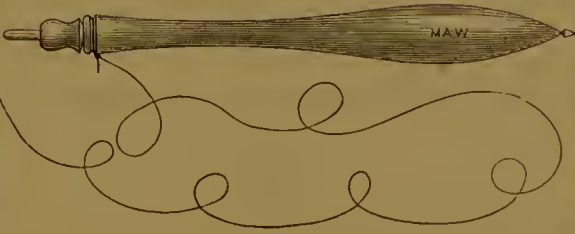
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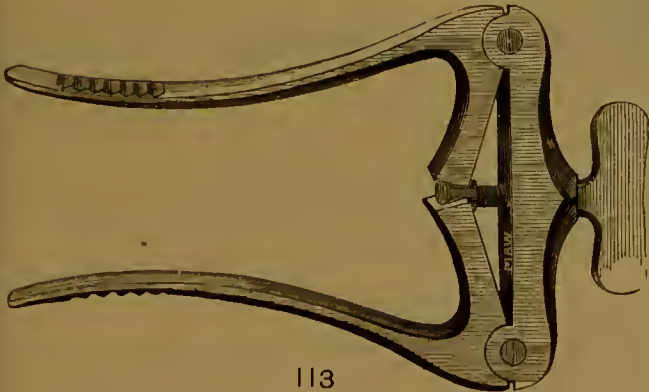
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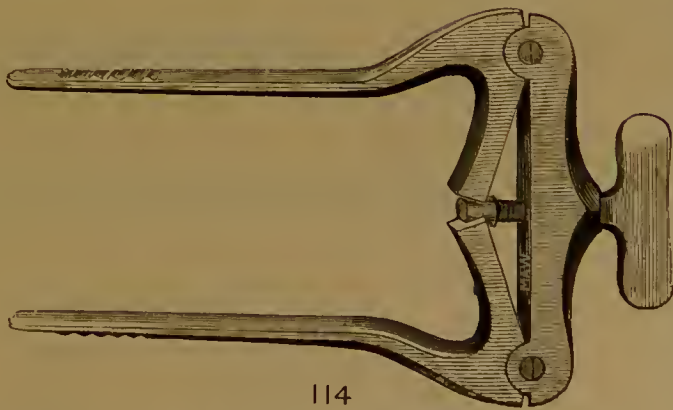
111



112



113



114

Fig. 109. GAG, COLIN'S. Fig. 111. GAG, VULCANITE. Fig. 113. WEDGE, } TO OPEN
Fig. 110. GAG, T. SMITH'S. Fig. 112. GAG, VULCANITE, WITH SPRING. Fig. 114. WEDGE, } THE MOUTH.

ŒSOPHAGUS BOUGIES, DOUCHES, AND PIPETTES.

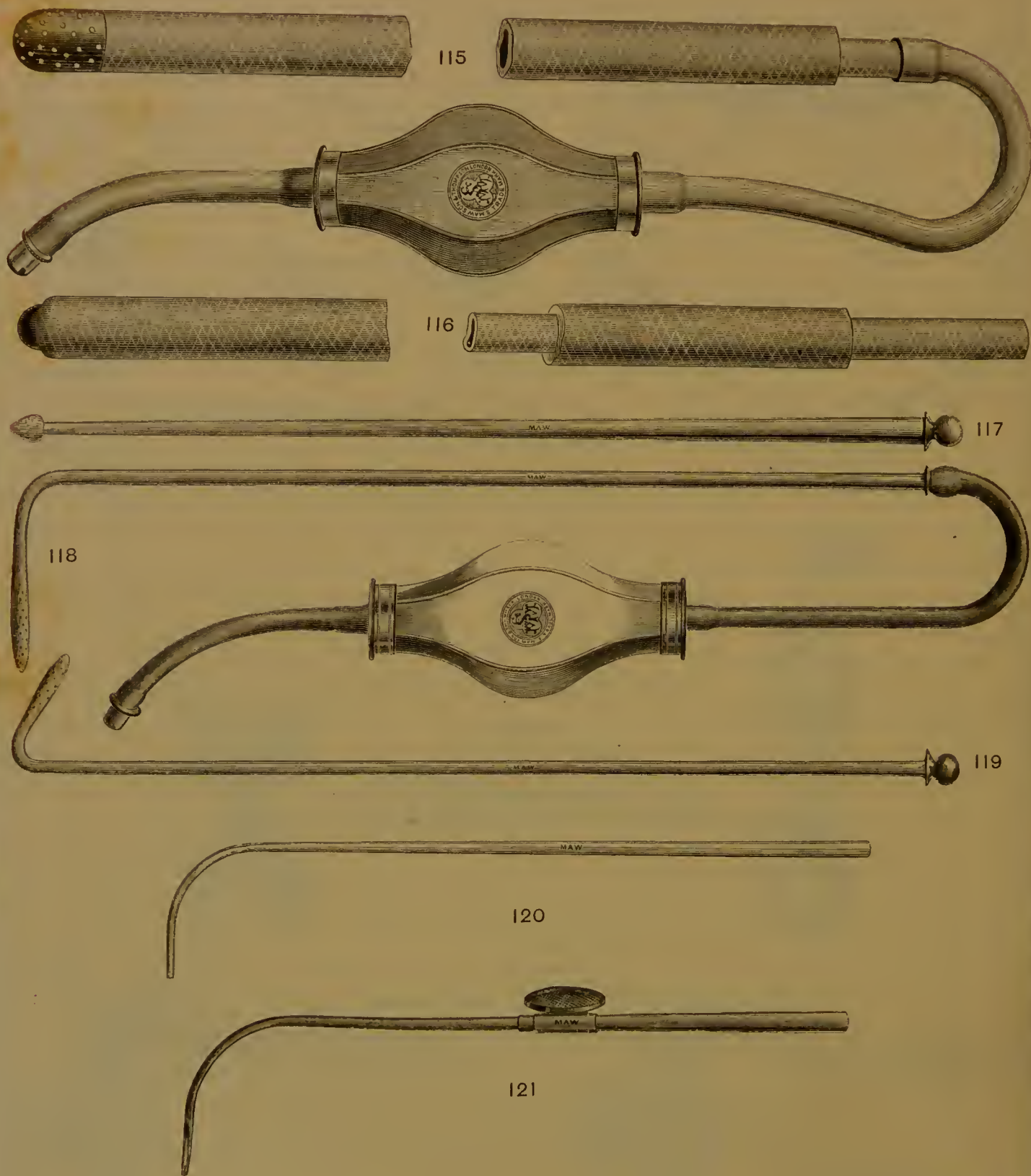


Fig. 115. DOUCHE, ŒSOPHAGUS, WITH OBTURATOR, PROSSER JAMES'.

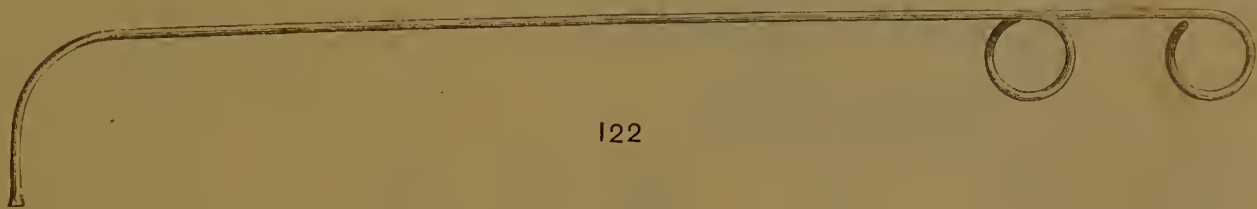
Fig. 116. BOUGIE, ŒSOPHAGUS, WITH OBTURATOR FOR MEDICATION, PROSSER JAMES'.

Figs. 117 } DOUCHES, NASAL AND PHARYNGEAL,
to 119. } PROSSER JAMES'.

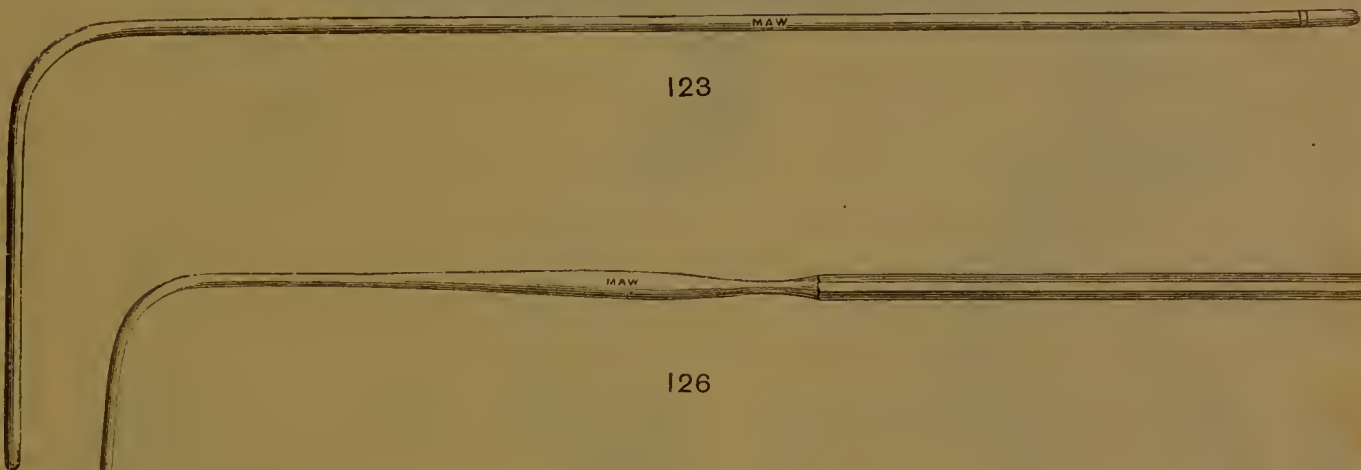
Fig. 120. PIPETTE, LEITER'S.

Fig. 121. PIPETTE, VULCANITE.

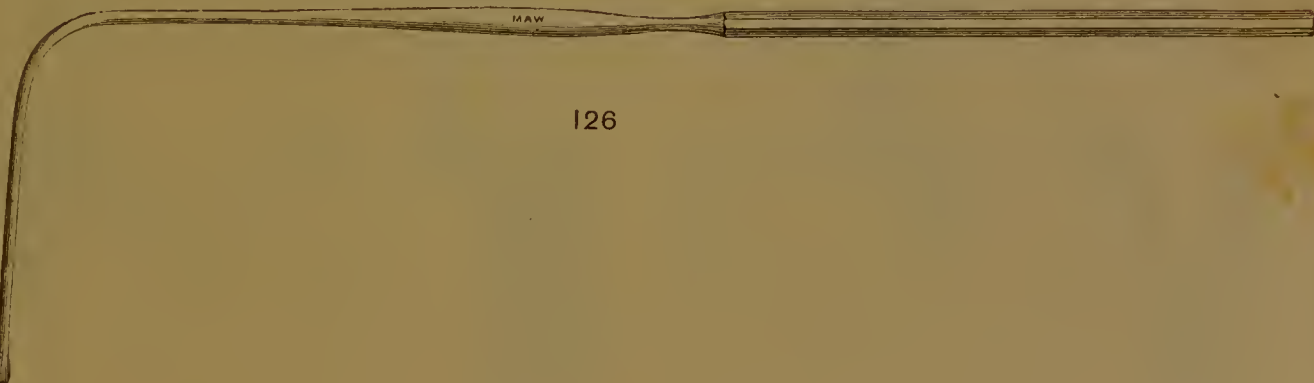
SOUNDS AND PROBES.



122



123



126



124



125

Fig. 122. ALUMINIUM, TOBOLD'S BULB.
Fig. 123. ALUMINIUM, SMOOTH-POINTED.

Fig. 124. }
Fig. 125. } FOR THE FAUCES.
Fig. 126. }

FOR CAUTERISING THE LARYNX AND DILATING THE TRACHEA.

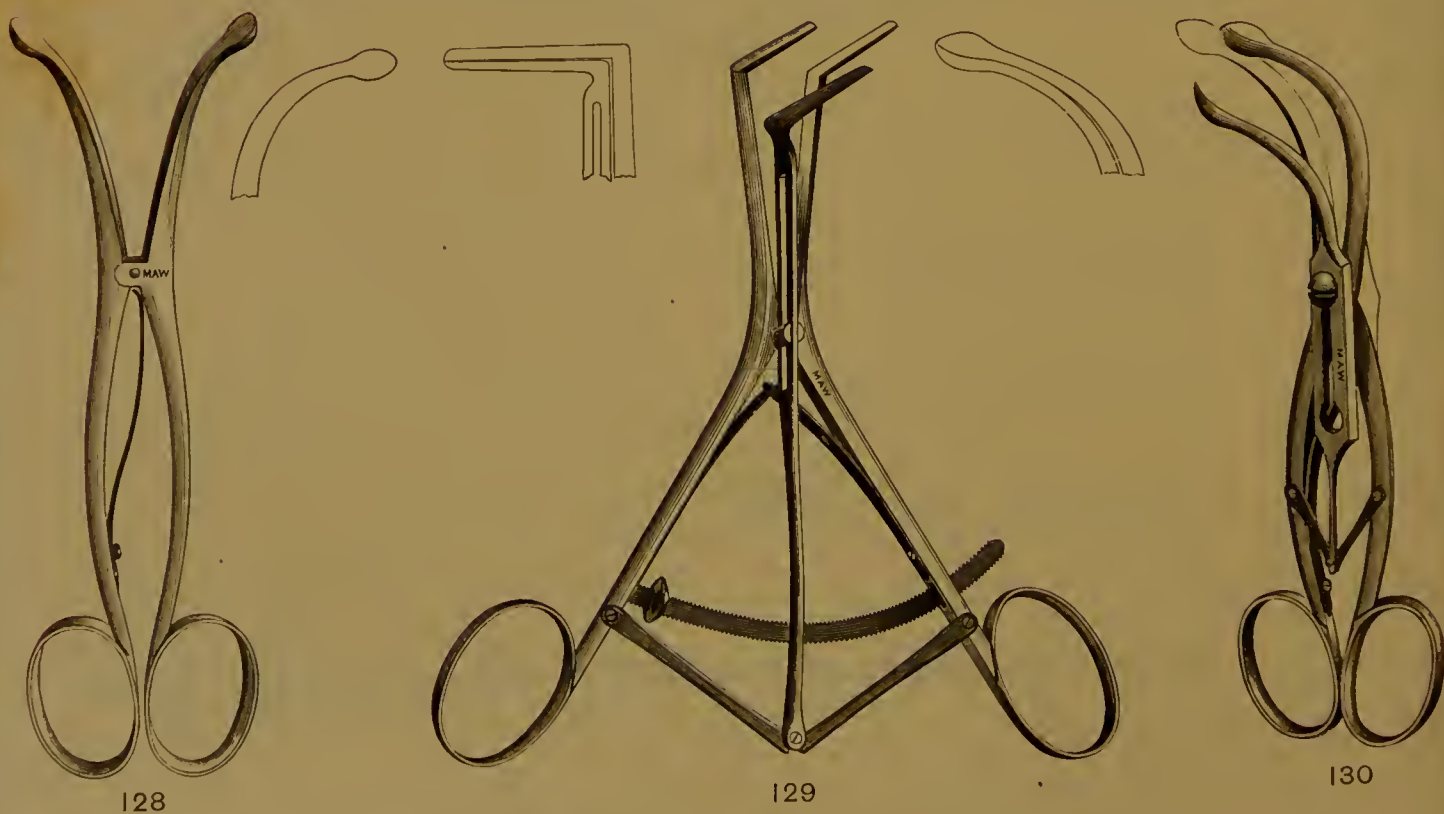
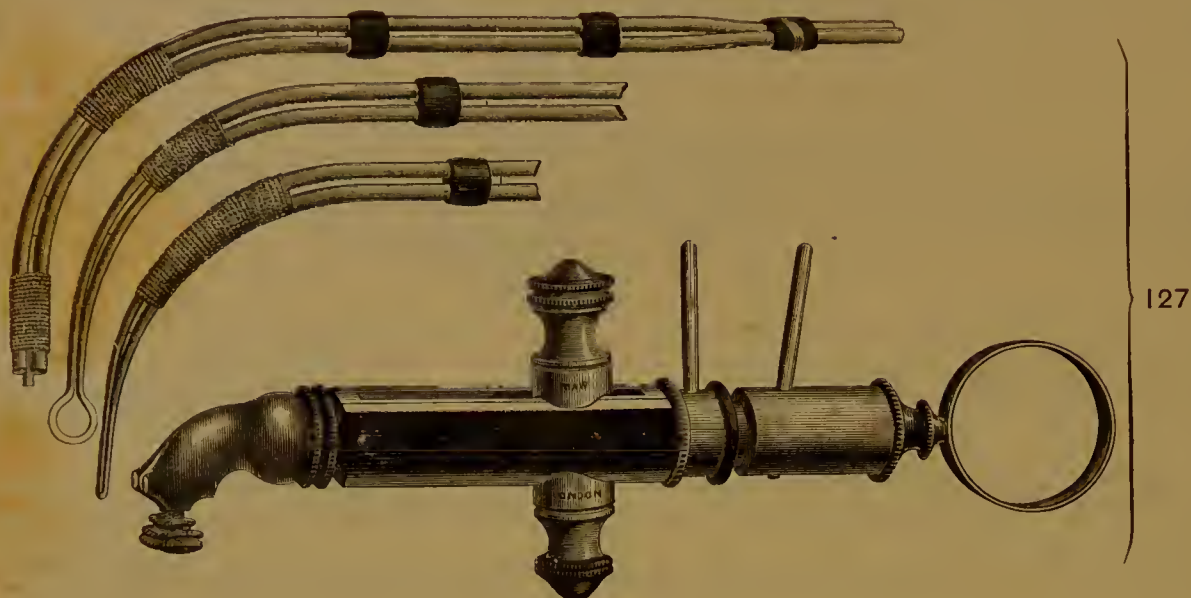
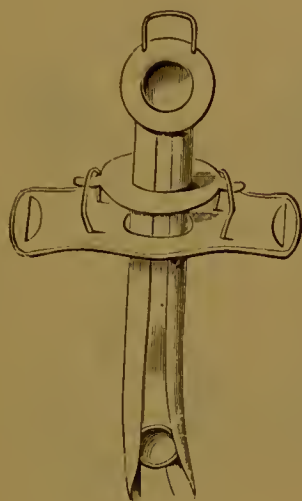


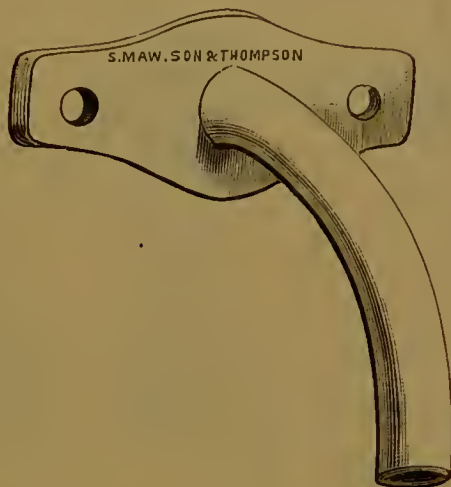
Fig. 127. LARYNGEAL CAUTERY APPARATUS.
Fig. 128. TRACHEA DILATOR.

Fig. 129. TRACHEA DILATOR.
Fig. 130. TRACHEA DILATOR.

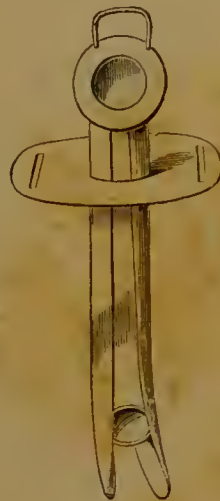
FOR TRACHEOTOMY.



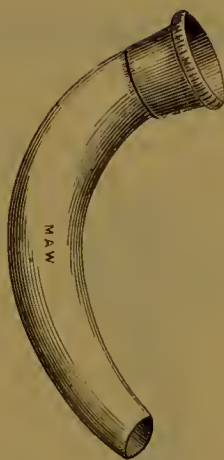
131



134



132



133



135

Fig. 131. CANULA, WITH MOVABLE SHIELD.

Fig. 132. CANULA, EXPANDING.

Fig. 133. CANULAS, HENRIETTE'S.

Fig. 134. CANULA, MORRANT BAKER'S.

Fig. 135. CANULAS, FLAT.

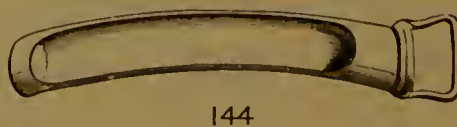
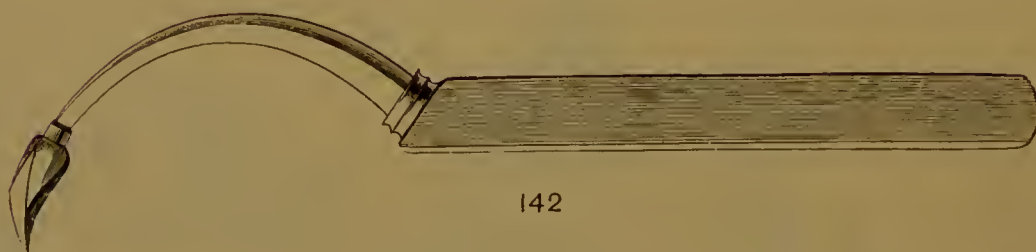
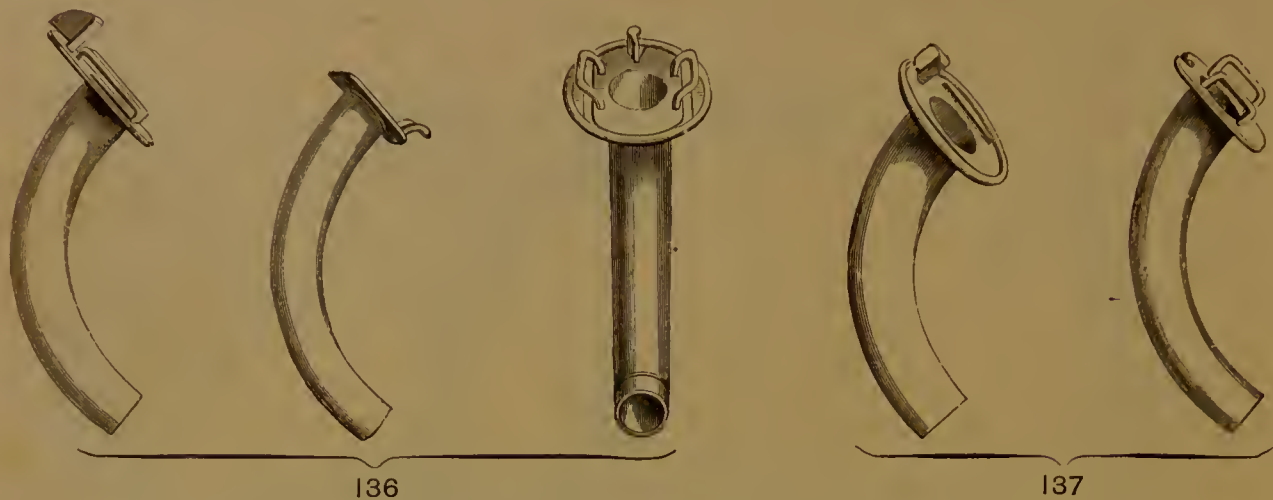
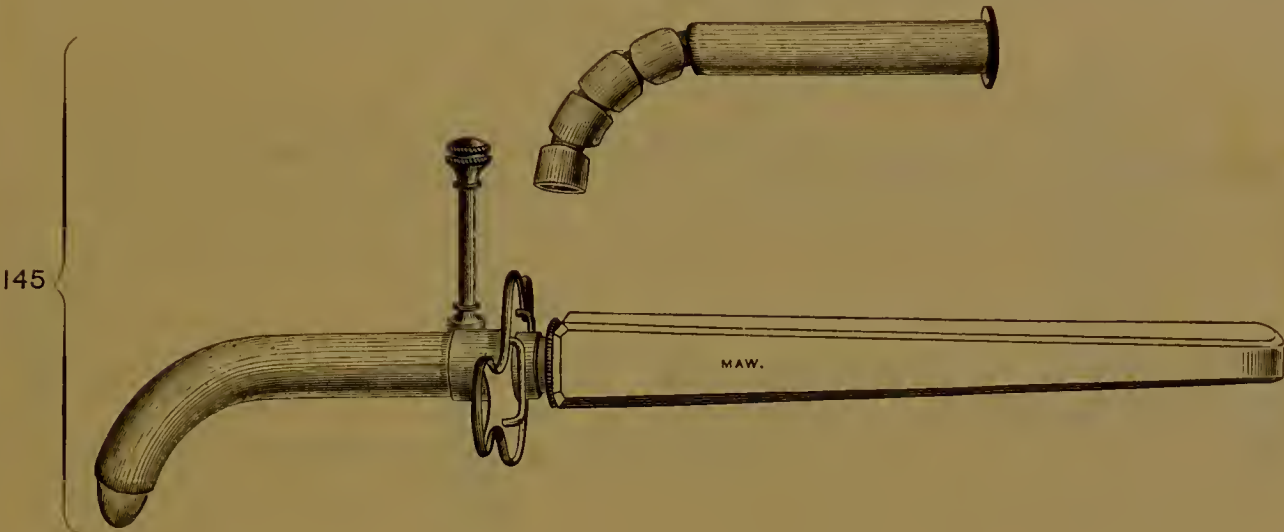
FOR TRACHEOTOMY (*Continued*).

Fig. 136. CANULAS, DOUBLE.
Fig. 137. CANULAS, DOUBLE.

Figs. 138 } CANULAS, EXPANDING,
to 141. } WITH KNIFE.

Figs. 142 } CANULAS, DOUBLE,
to 144. } WITH TROCAR.

FOR TRACHEOTOMY (Continued).



147

146



148



149



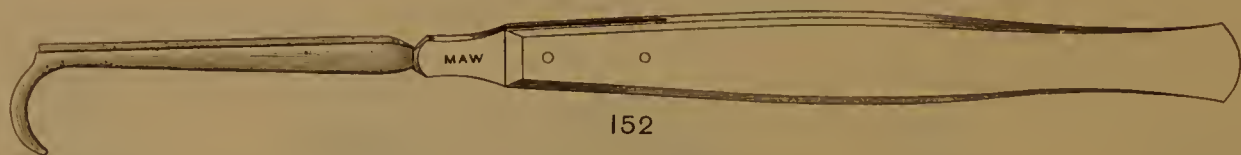
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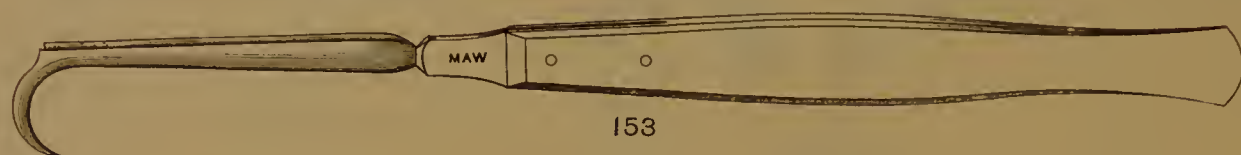
151

Fig. 145. CANULA AND PILOT, DURHAM'S "LOBSTER TAIL."

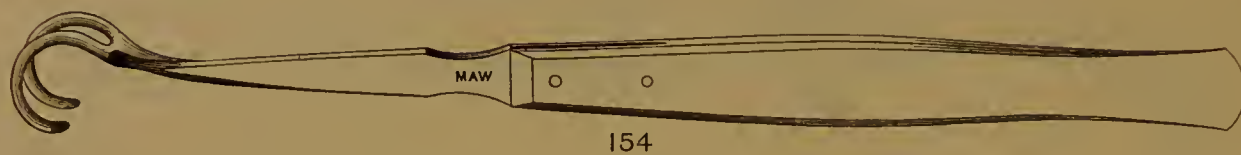
Figs. 146 } CANULAS, EXPANDING, PARKER'S.
to 151. }

FOR TRACHEOTOMY (*Continued*).

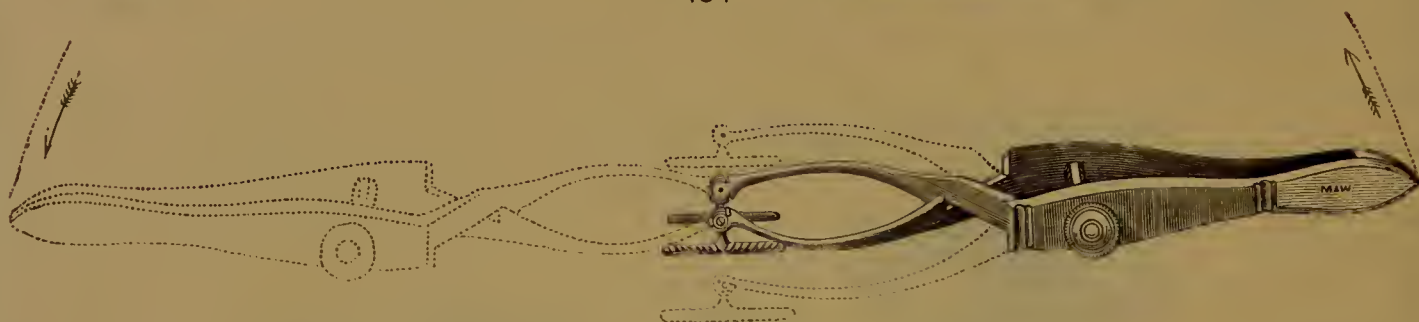
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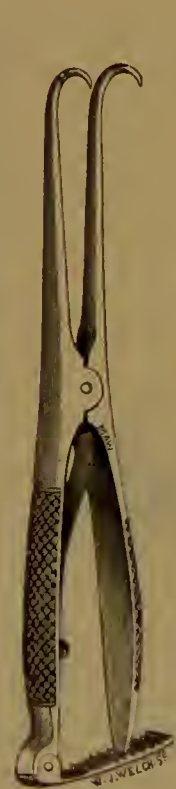
153



154



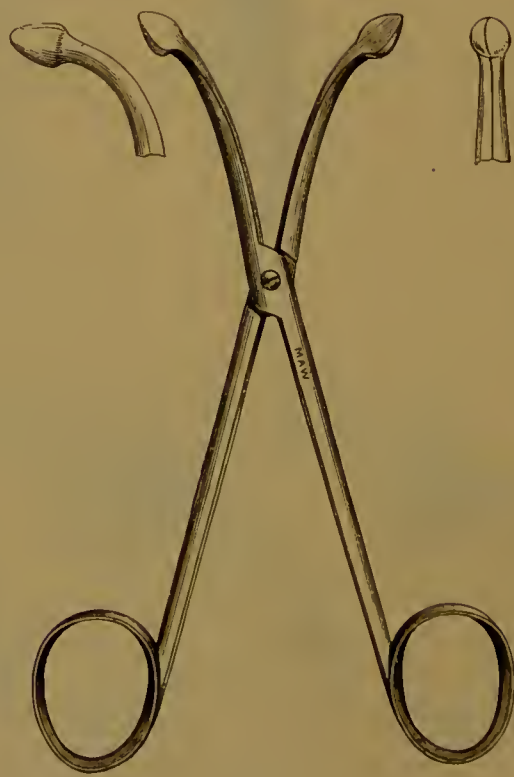
155



156



157



158



159

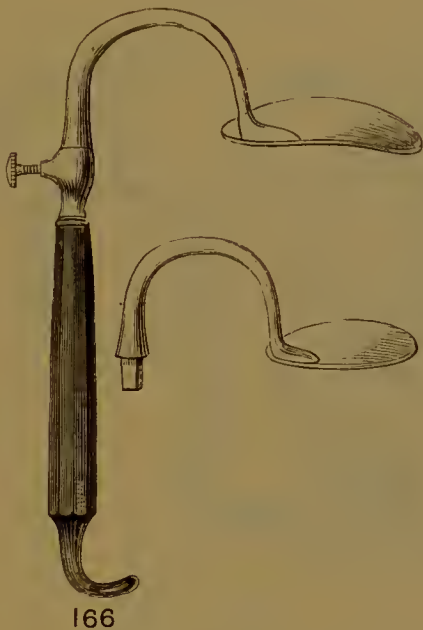
Fig. 152. HOOK, BLUNT, GROOVED.
 Fig. 153. HOOK, SHARP, GROOVED.
 Fig. 154. HOOK, DOUBLE.

Fig. 155. TRACTOR, PARKER'S.
 Figs. 156 } TRACHEA DILATORS.
 to 159. }

TONGUE DEPRESSORS, ETC.



160



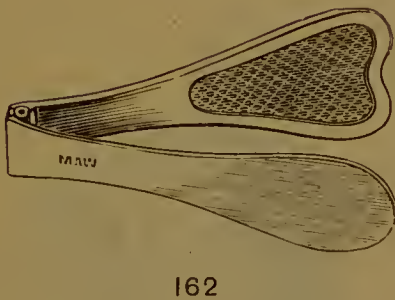
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163



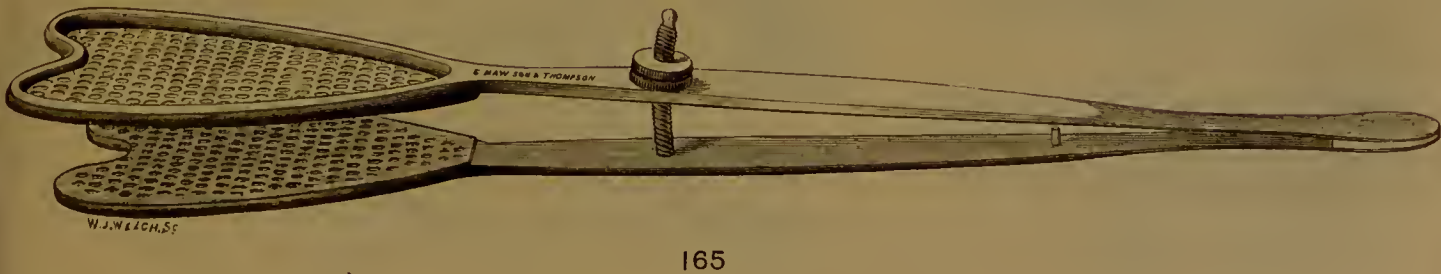
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162



161

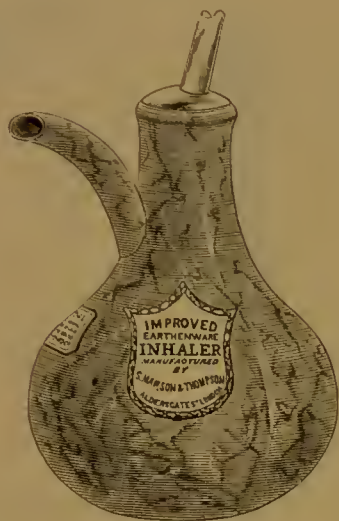


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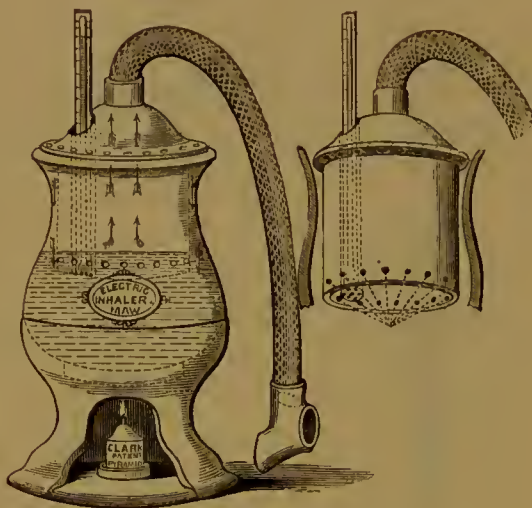
Fig. 160. HINGED, GROOVED ENDS.
Fig. 161. HINGED, CONCAVE BLADES.
Fig. 162. HINGED, SERRATED BLADES.

Fig. 163. RECTANGULAR.
Fig. 164. STRAIGHT, CONCAVE BLADES.
Fig. 165. TONGUE FORCEPS, DOBELL'S.
Fig. 166. TÜRCK'S.

MOUTH AND THROAT INHALERS.



171



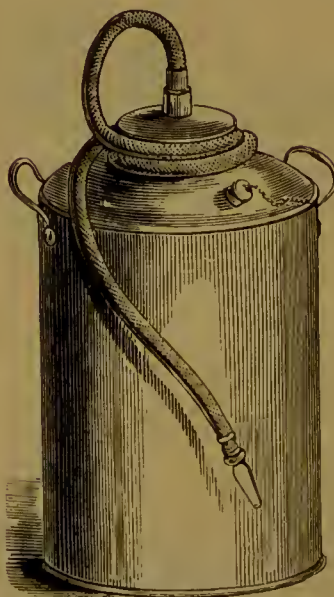
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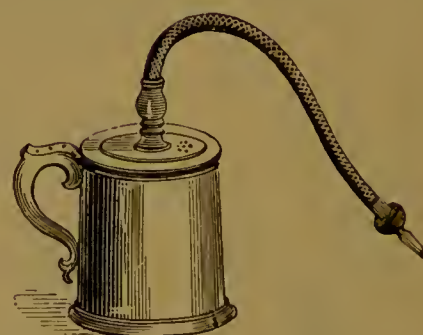
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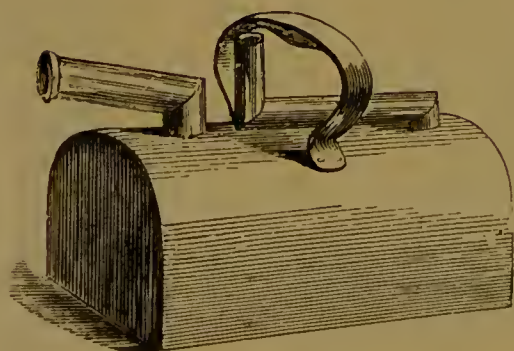
170



173



172



174



167

- Fig. 167. GLASS FOR IODINE.
 Fig. 168. MACKENZIE'S.
 Fig. 169. MAW'S, DOUBLE-VALVED.
 Fig. 170. MAW'S, DOUBLE-VALVED.

- Fig. 171. MAW'S.
 Fig. 172. MUDGE'S.
 Fig. 173. RAMAGE'S.
 Fig. 174. WATSON'S.

MOUTH AND THROAT INHALERS, KETTLES, Etc.

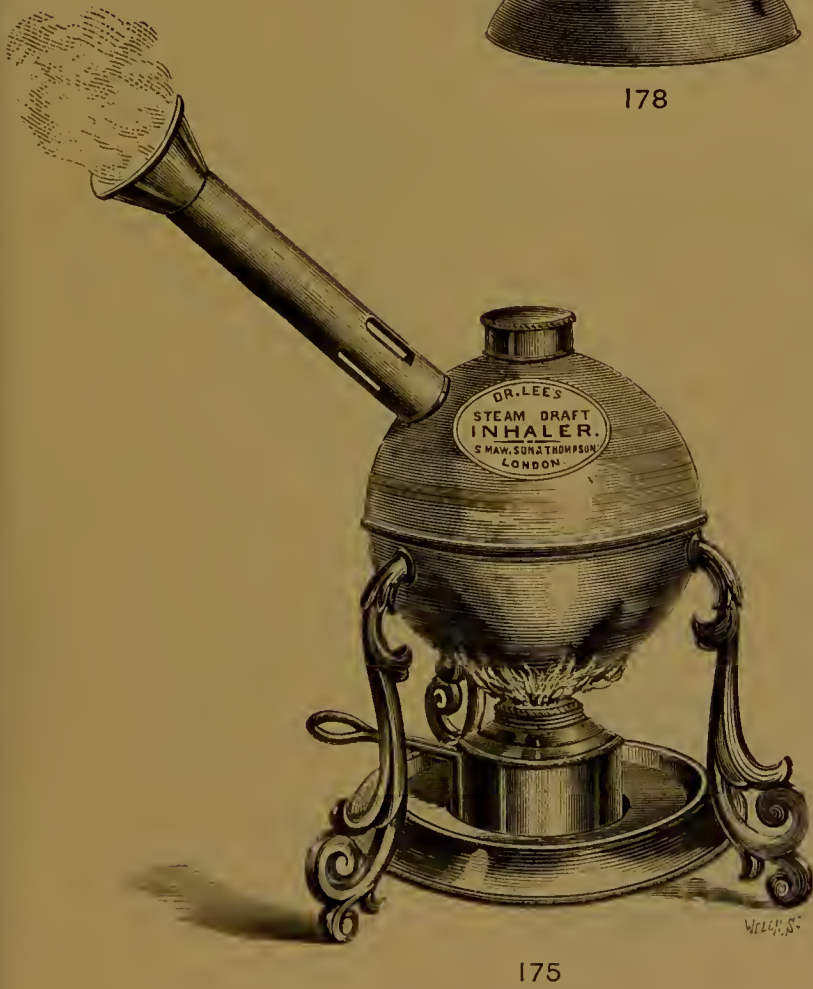
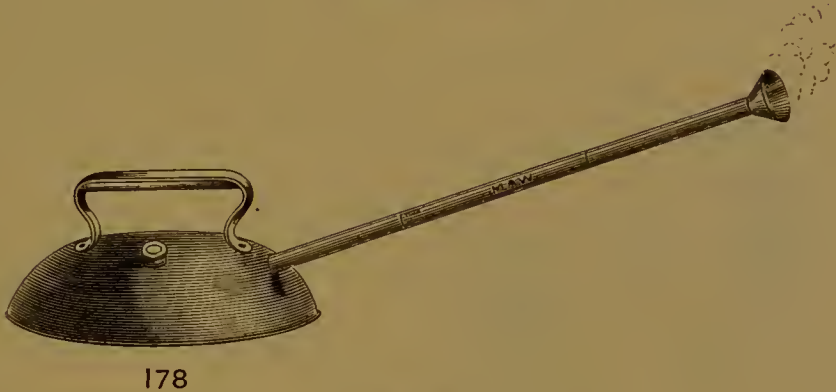
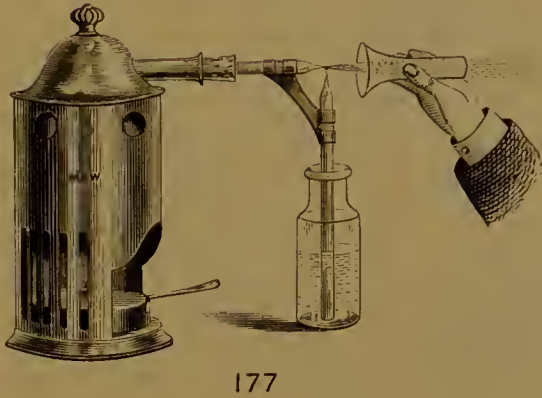
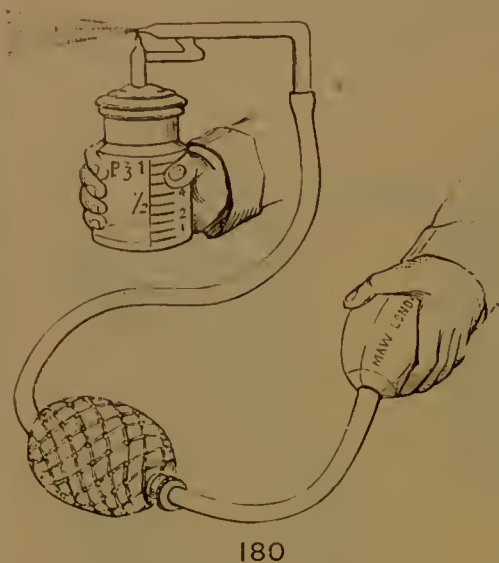


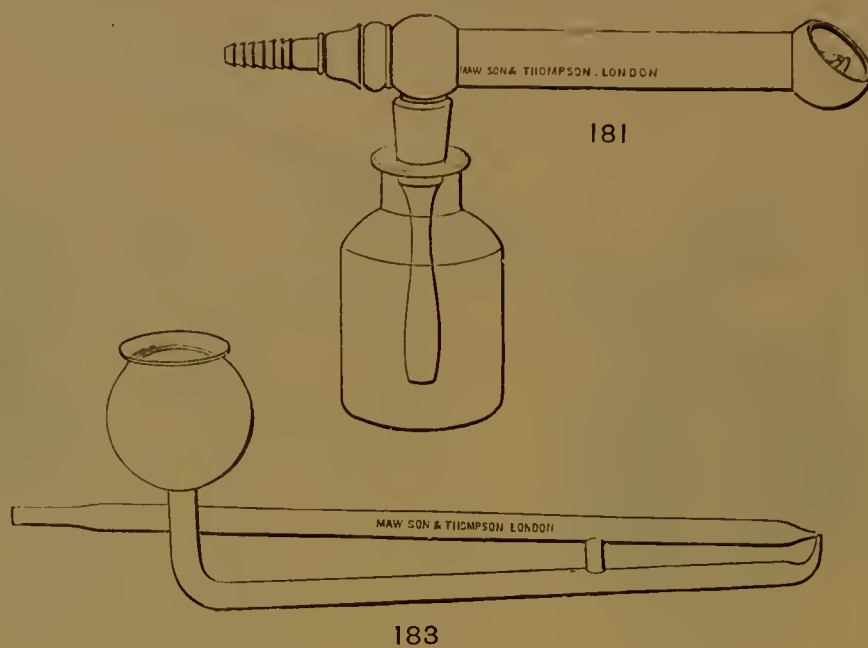
Fig. 175. INHALER, STEAM DRAFT, LEE'S.
Fig. 176. INHALER, STEAM DRAFT, CLOSED
BODY.

Fig. 177. INHALER, SIEGLE'S.
Fig. 178. KETTLE, MAW'S, }
Fig. 179. KETTLE, MAW'S, } FOR THE FIRE.

SPRAY PRODUCERS FOR THE MOUTH AND THROAT.



180

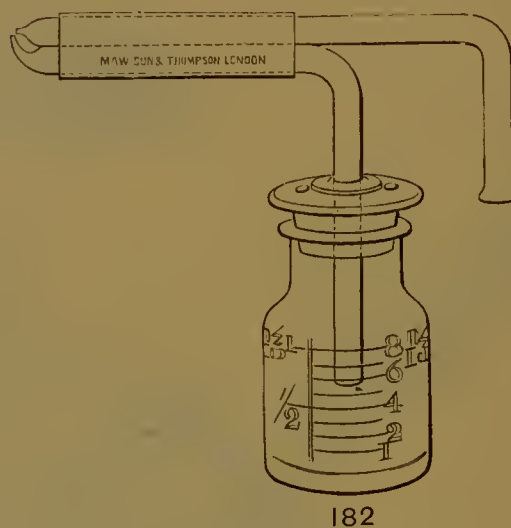


181

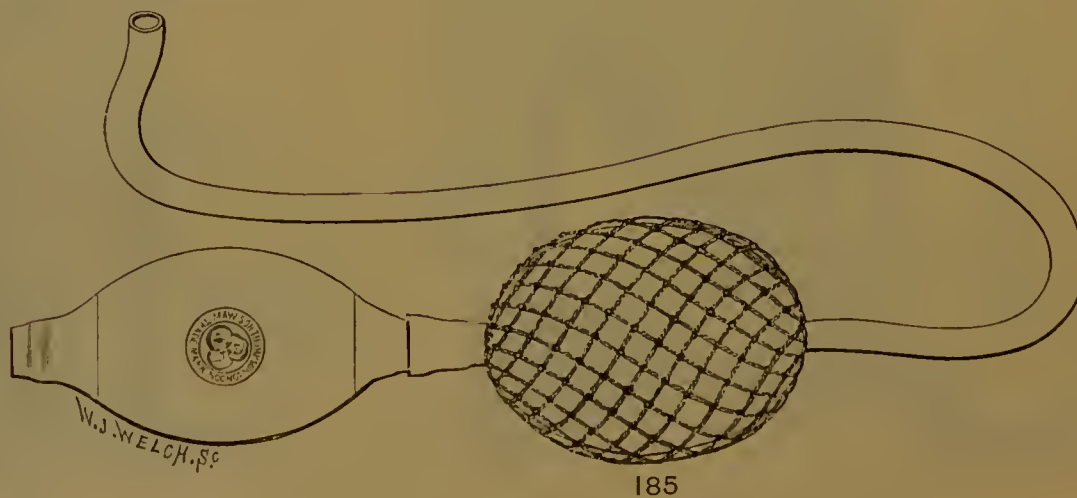
183



184



182



185

Fig. 180. CLARK'S.
Fig. 181. DEWAR'S.
Fig. 182. MAUNDER'S.

Fig. 183. MAW'S.
Fig. 184. PROSSER JAMES'.
Fig. 185. BELLOWS ADAPTABLE TO EITHER
OF THE ABOVE.

SECTION VII.



TOOTH INSTRUMENTS.

CONTENTS OF SECTION VII.

BURNISHERS
BURRS.
DRILLS.
ELEVATORS.
ENAMEL CUTTERS.
EXCAVATORS.

FORCEPS.
FORCEPS IN POUCHES.
GUM LANCETS.
IMPRESSION TRAYS.
KEYS.
PLUGGERS.

SCALERS.
SPATULA.
STOPPERS.
SYRINGES.
TOOTH MIRRORS.

FORCEPS FOR EXTRACTION.

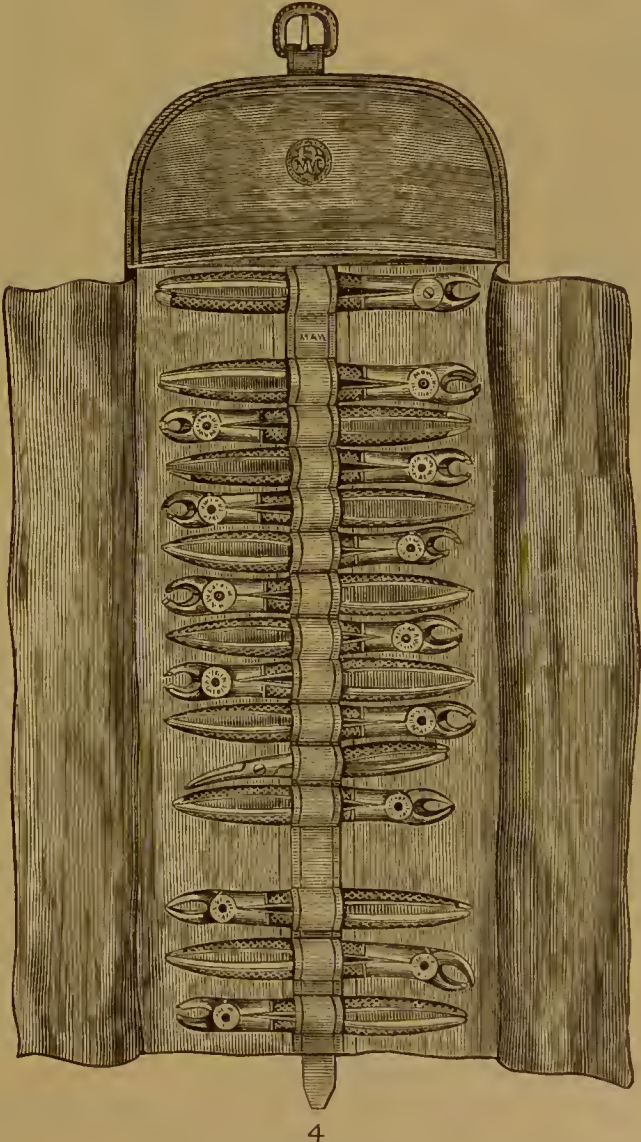
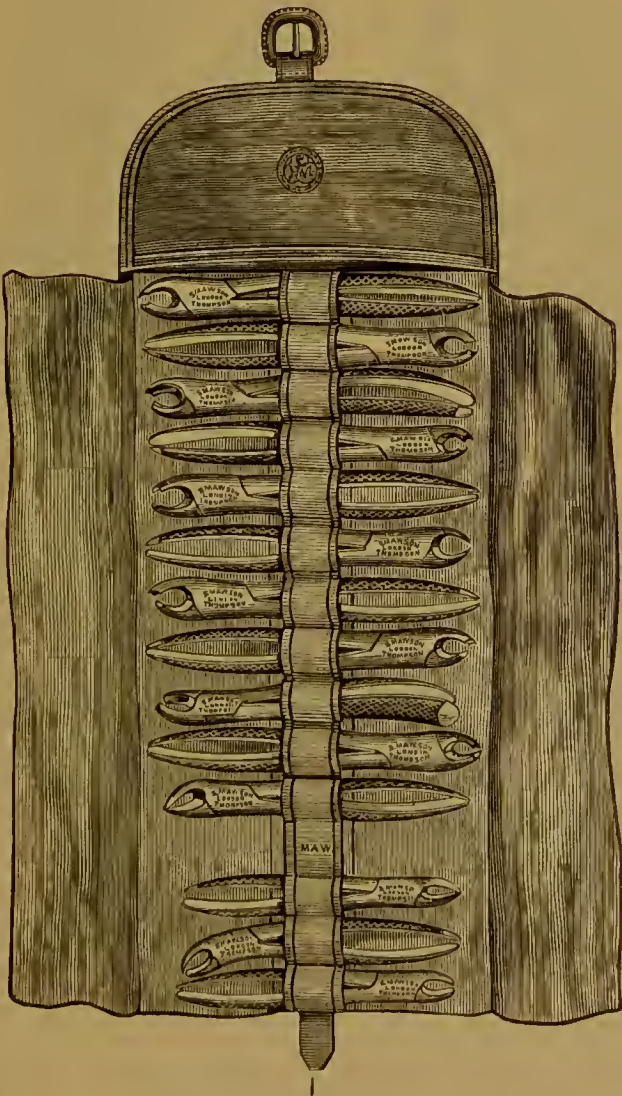
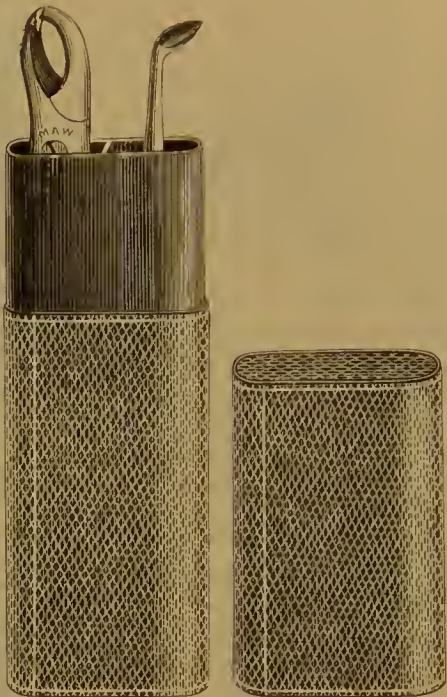
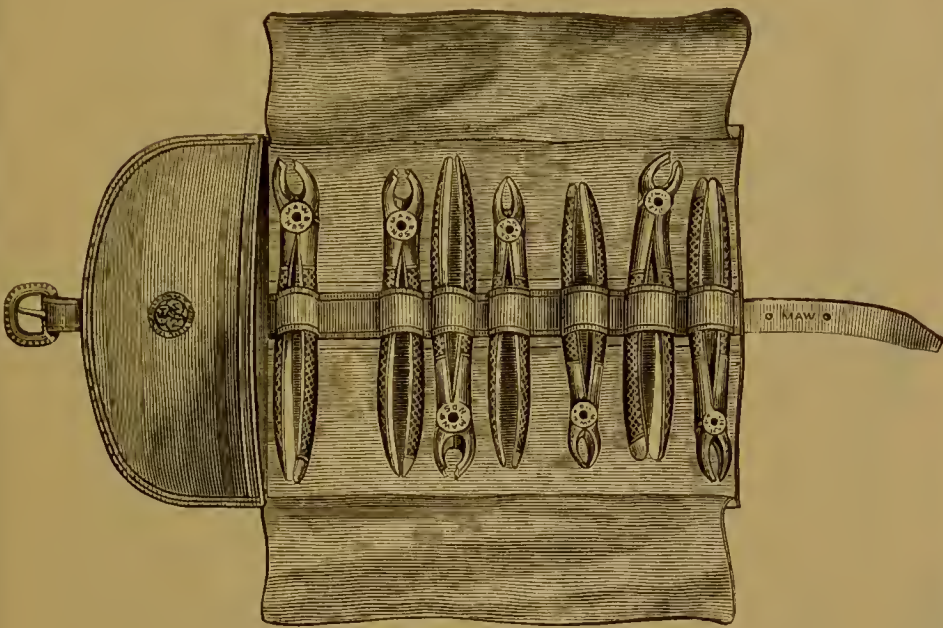
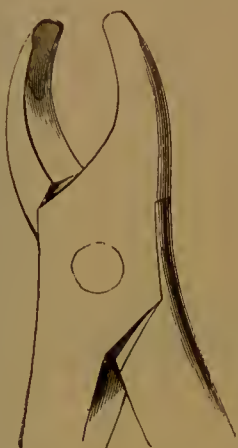


Fig. 1. CLENDON'S.
Fig. 2. DRUITT'S.

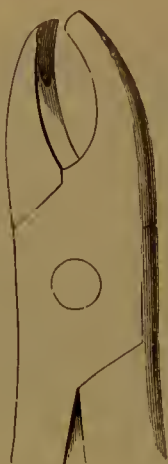
Fig. 3. GORDON'S.
Fig. 4. TOMES'.

FORCEPS FOR EXTRACTION (*Continued*).

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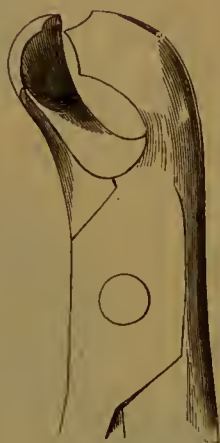
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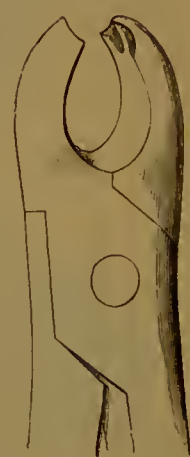
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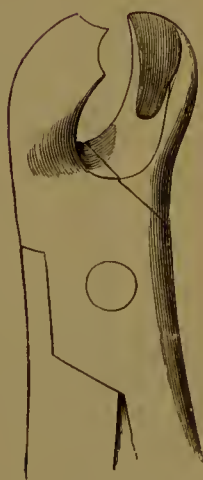
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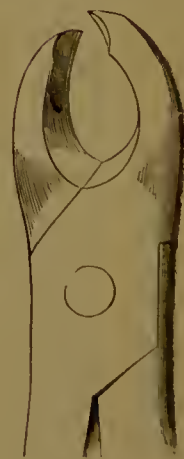
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CLENDON'S.

Fig. 1. BICUSPIDS, LOWER.

Fig. 2. BICUSPIDS, UPPER.

Fig. 3. BICUSPIDS AND UPPER LATERAL INCISORS.

Fig. 4. CANINES AND UPPER CENTRAL INCISORS.

Fig. 5. INCISORS, LOWER CENTRAL.

Fig. 6. MOLARS, LOWER.

Fig. 7. MOLARS, RIGHT UPPER.

Fig. 8. MOLARS, LEFT UPPER.

Fig. 9. MOLARS, LEFT UPPER.

Fig. 10. MOLARS, RIGHT UPPER.

Fig. 11. MOLAR STUMPS, LOWER.

Fig. 12. MOLAR STUMPS, LEFT UPPER.

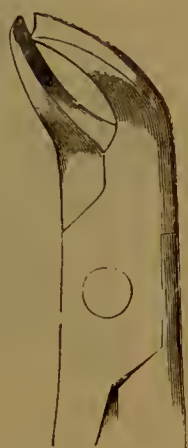
FORCEPS FOR EXTRACTION (*Continued*).



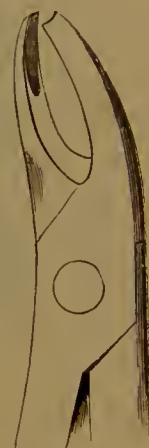
CLENDON'S.



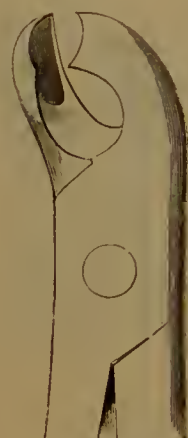
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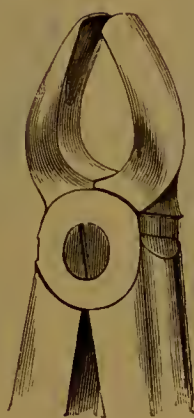
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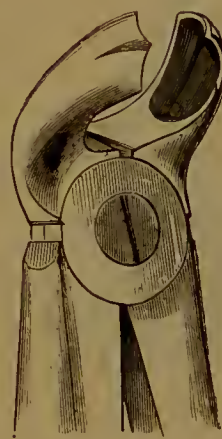
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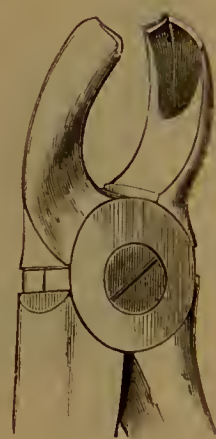
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DRUITT'S.

- Fig. 13. MOLAR STUMPS, RIGHT UPPER.
 Fig. 14. STUMPS, LOWER.
 Fig. 15. STUMPS, UPPER.
 Fig. 16. WISDOM.

- Fig. 1. BICUSPIDS, LOWER.
 Fig. 2. BICUSPIDS & INCISORS,
 UPPER.
 Fig. 3. MOLARS, LOWER.

- Fig. 4. MOLARS, LEFT UPPER.
 Fig. 5. MOLARS, RIGHT UPPER.
 Fig. 6. STUMPS, LOWER.
 Fig. 7. STUMPS, UPPER.

FORCEPS FOR EXTRACTION (*Continued*).

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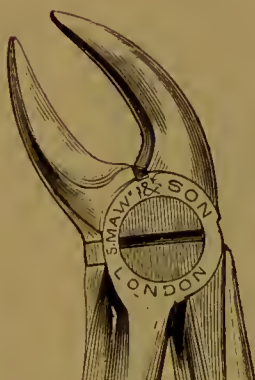
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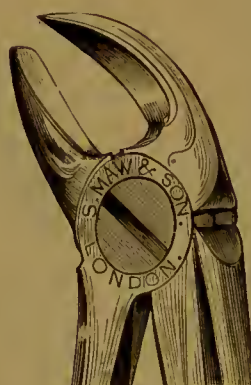
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TOMES'.

Fig. 1. BICUSPIDS, LOWER.

Fig. 2. BICUSPIDS, LOWER TEMPORARY.

Fig. 3. BICUSPIDS, UPPER.

Fig. 4. BICUSPIDS AND INCISORS.

Fig. 5. BICUSPIDS, UPPER TEMPORARY.

Figs. 6 } LOWER AND UPPER
to 10. } FANGS AND SPLITTING.

Fig. 11. INCISORS, LOWER.

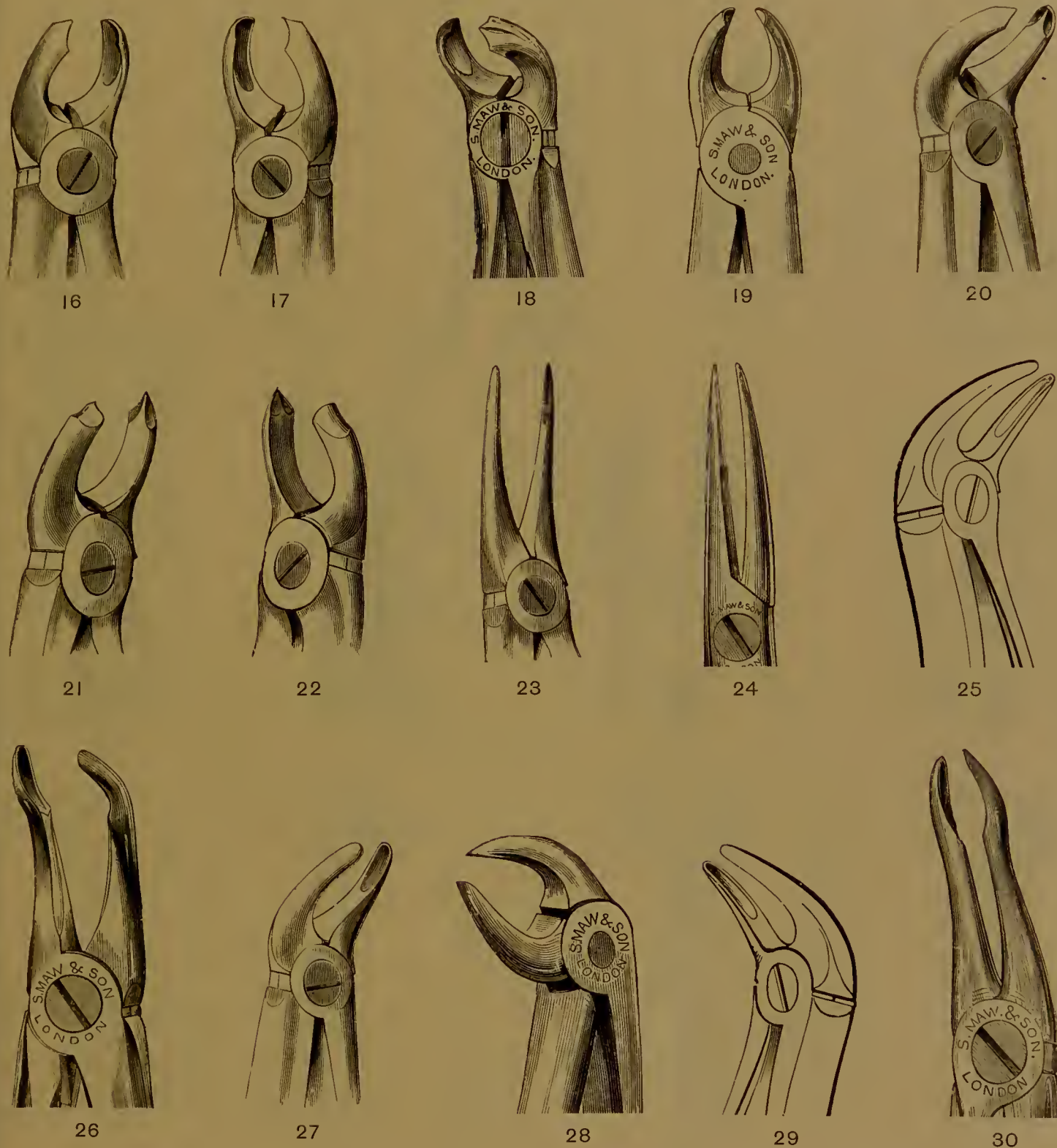
Fig. 12. MOLARS, LOWER.

Fig. 13. MOLARS, LOWER.

Fig. 14. MOLARS, LEFT LOWER.

Fig. 15. MOLARS, RIGHT LOWER.

FORCEPS FOR EXTRACTION (Continued).



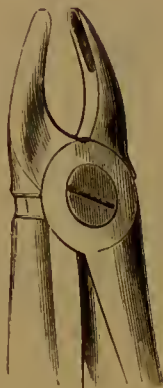
TOMES'.

- | | |
|-----------------------------------|-------------------------------------|
| Fig. 16. MOLARS, RIGHT UPPER. | Fig. 21. MOLAR STUMPS, LEFT UPPER. |
| Fig. 17. MOLARS, LEFT UPPER. | Fig. 22. MOLAR STUMPS, RIGHT UPPER. |
| Fig. 18. MOLARS, LOWER TEMPORARY. | Fig. 23. } ROOTS. |
| Fig. 19. MOLARS, UPPER TEMPORARY. | Fig. 24. } ROOTS. |
| Fig. 20. MOLAR STUMPS, LOWER. | Figs. 25. } STUMPS. |
| | to 30. } |

FORCEPS AND KEYS FOR EXTRACTION.



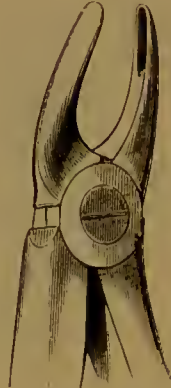
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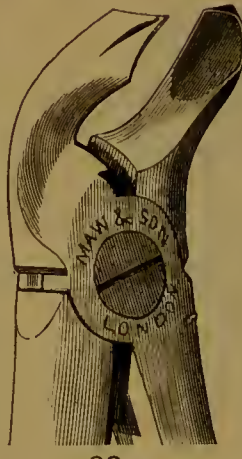
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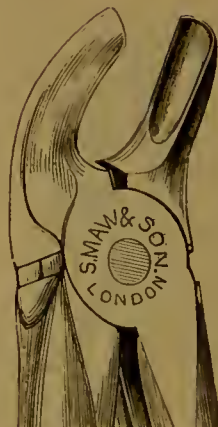
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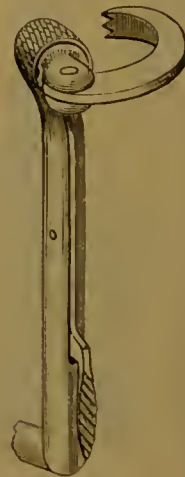
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FORCEPS, TOMES'.

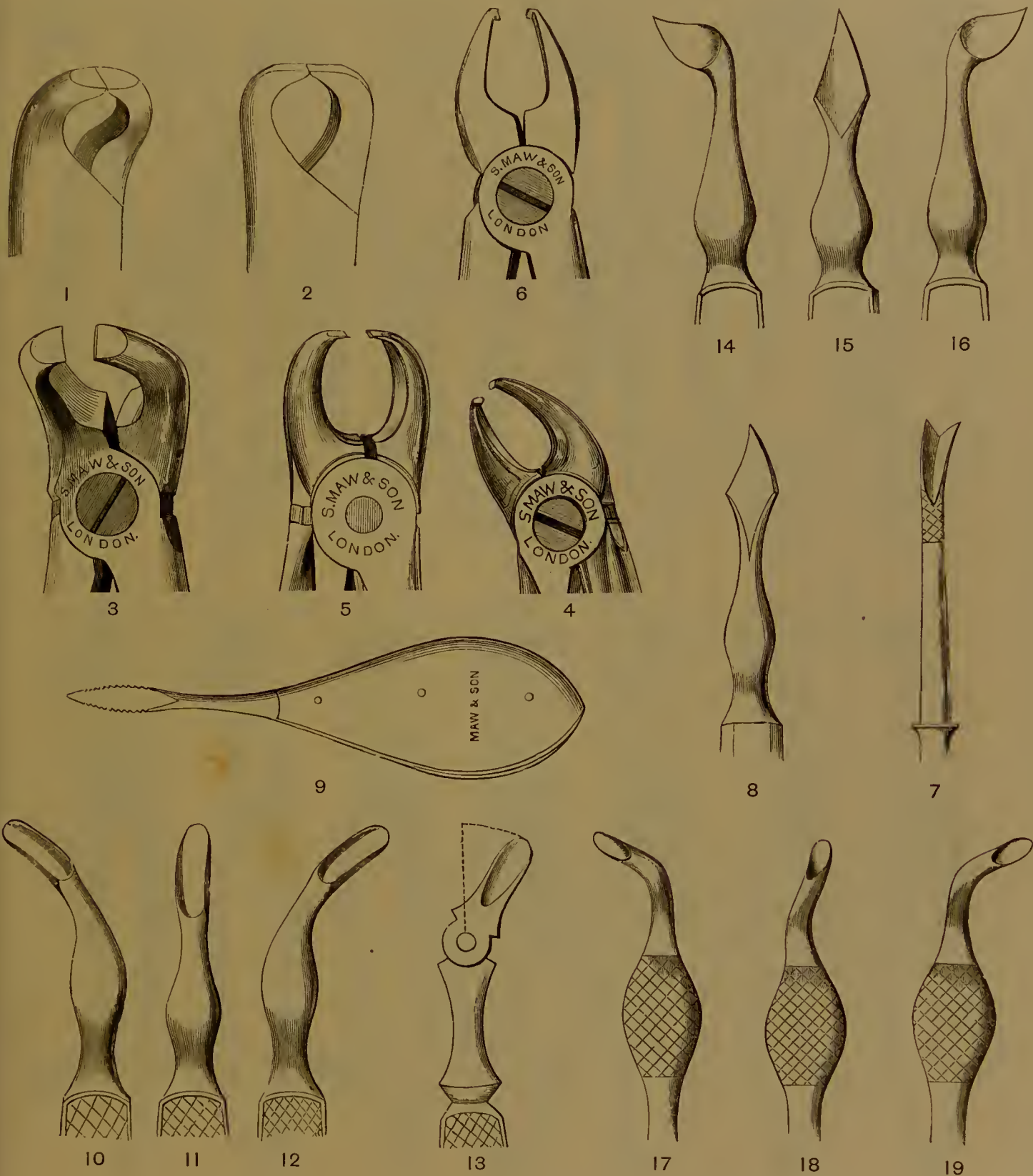
Fig. 31. }
 Fig. 32. }
 Fig. 33. } STUMPS, UPPER.
 Fig. 34. }
 Fig. 35. }

Fig. 36. STUMPS, TRI-FANGED.
 Fig. 37. STUMPS, TRI-FANGED.
 Fig. 38. WISDOM, LOWER.
 Fig. 39. WISDOM, UPPER.

KEYS.

Fig. 1. FOX'S.
 Fig. 2. FOX'S, WITH SPRING BOLT.
 Fig. 3. REVOLVING PLATE ON
 FULCRUM.
 Fig. 4. REVOLVING FULCRUM.

FORCEPS AND ELEVATORS FOR EXCISION AND EXTRACTION.



FORCEPS.

- Fig. 1. CLENDON'S, LOWER.
- Fig. 2. CLENDON'S, UPPER.
- Fig. 3. TOMES', LOWER.
- Fig. 4. TOMES', LOWER.
- Fig. 5. TOMES', UPPER.
- Fig. 6. TOMES', UPPER.

ELEVATORS.

- Fig. 7. ELEVATOR OR PUNCH.
- Fig. 8. ELEVATOR, BELL'S.
- Fig. 9. ELEVATOR, AS USED AT GUY'S.
- Figs. 10 to 13. ELEVATORS, CLENDON'S.
- Figs. 14 to 16. ELEVATORS, SAUNDERS'.
- Figs. 17 to 19. ELEVATORS, THOMSON'S.

FORCEPS FOR EXTRACTION.



AMERICAN PATTERNS.

- Fig. 1. BICUSPIDS, UPPER.
 Fig. 2. INCISORS, LOWER CENTRAL.
 Fig. 3. MOLARS, UPPER, EITHER SIDE.
 Fig. 4. } MOLARS, UPPER, RIGHT AND LEFT.
 Fig. 5. }
 Fig. 6. MOLARS, UPPER, EITHER SIDE.
 Fig. 7. MOLARS, UPPER, LEFT.

- Fig. 8. MOLARS, UPPER, RIGHT.
 Fig. 9. } MOLARS, UPPER, RIGHT AND LEFT, COW
 Fig. 10. } HORN.
 Fig. 11. MOLARS, LOWER, COW HORN.
 Fig. 12. } WISDOM, UPPER, RIGHT AND LEFT.
 Fig. 13. }
 Fig. 14. WISDOM, UPPER, EITHER SIDE.

FORCEPS FOR EXTRACTION—AMERICAN PATTERNS (*Continued*).

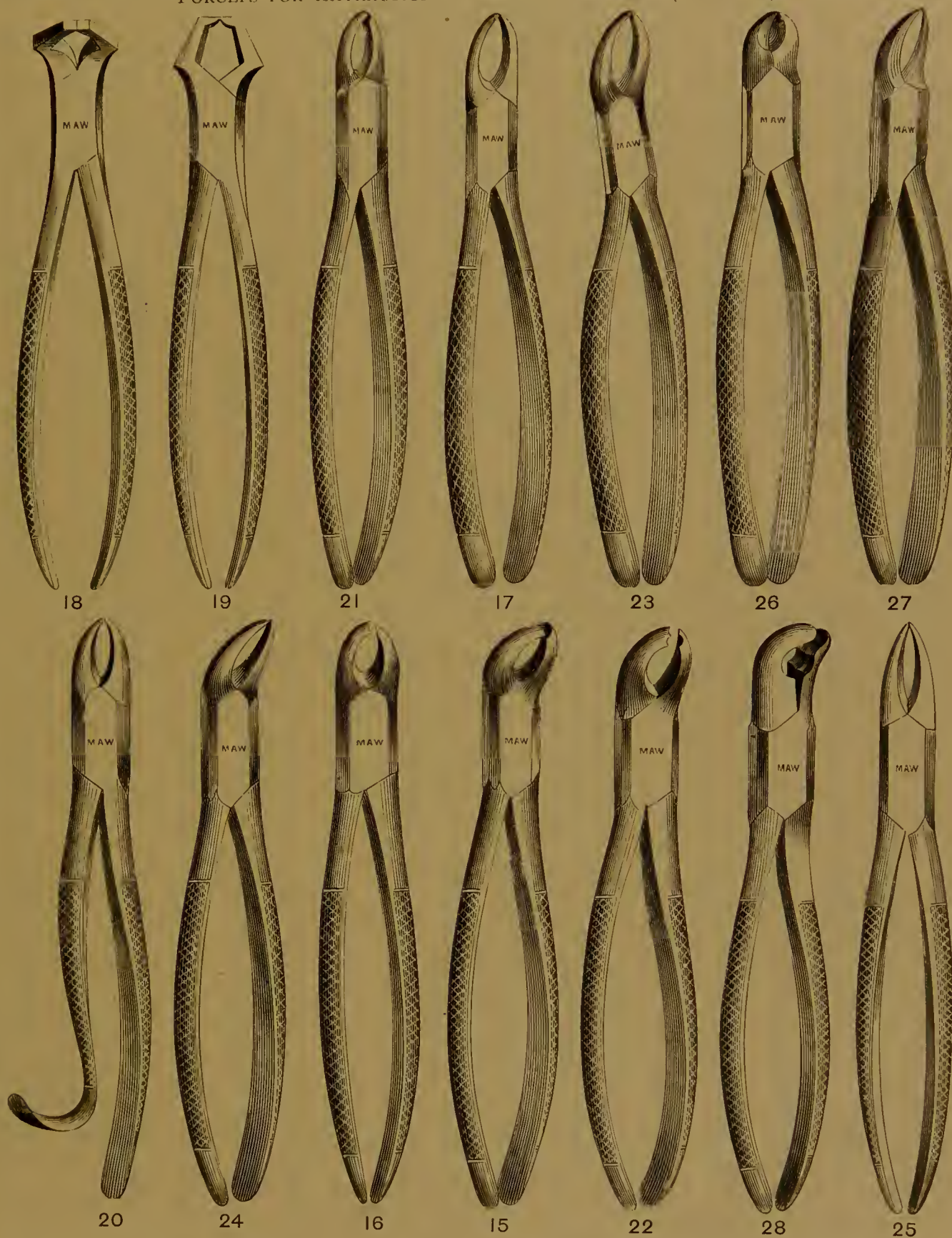
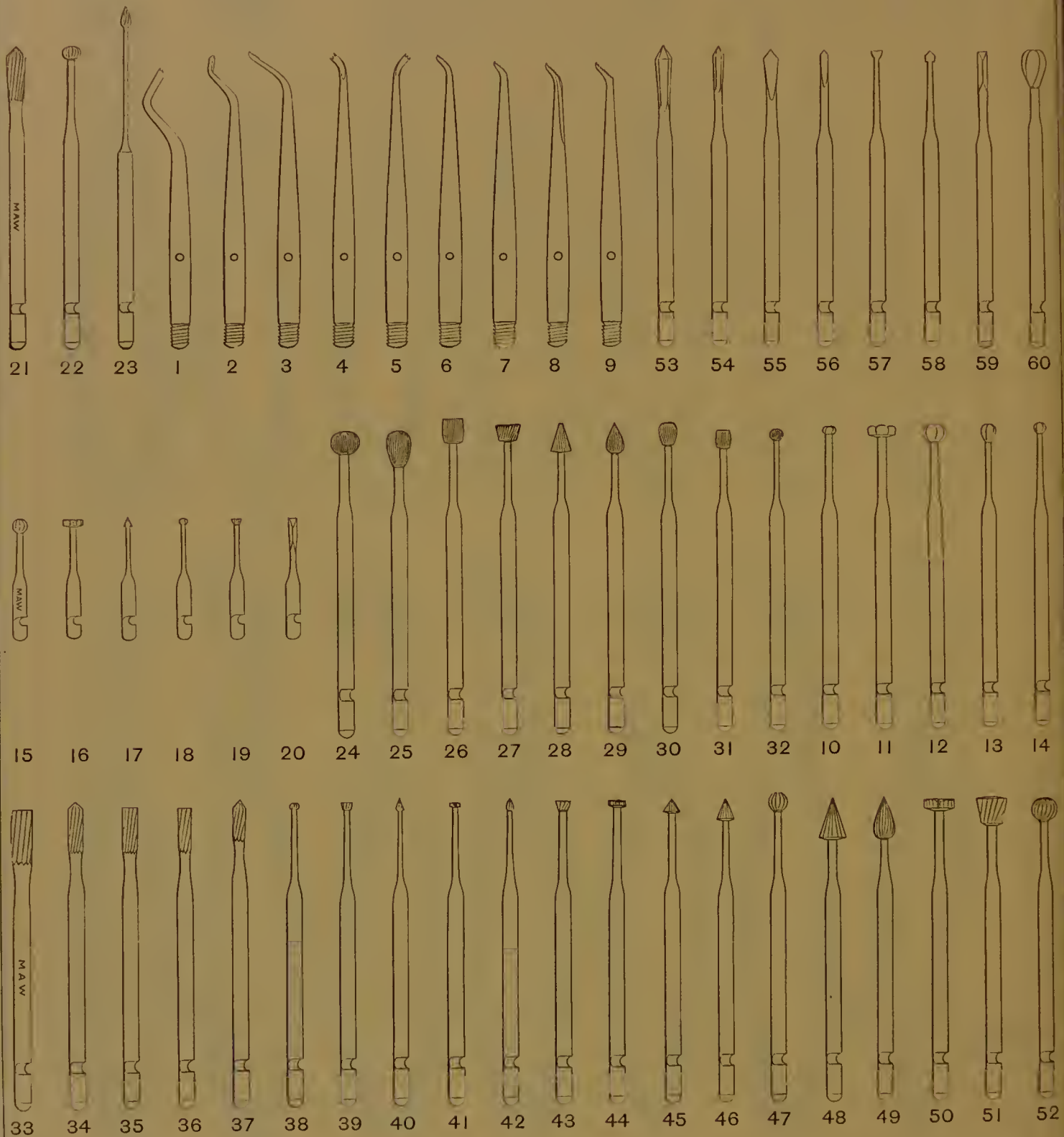


Fig. 15. BICUSPIDS, LOWER.
 Fig. 16. BICUSPIDS, UPPER.
 Fig. 17. CROWDED TEETH, UPPER.
 Fig. 18. EXCISING, LOWER.
 Fig. 19. EXCISING, UPPER.
 Fig. 20. INCISORS, UPPER CENTRAL.
 Fig. 21. INCISORS, UPPER LATERAL.

Fig. 22. MOLARS, LOWER, EITHER SIDE.
 Fig. 23. ROOTS, LOWER.
 Fig. 24. ROOTS, LOWER.
 Fig. 25. ROOTS, UPPER.
 Fig. 26. SEPARATING OR SPLITTING.
 Fig. 27. SEPARATING OR SPLITTING.
 Fig. 28. WISDOM, LOWER, EITHER SIDE.

BURNISHERS, BURRS, ETC.

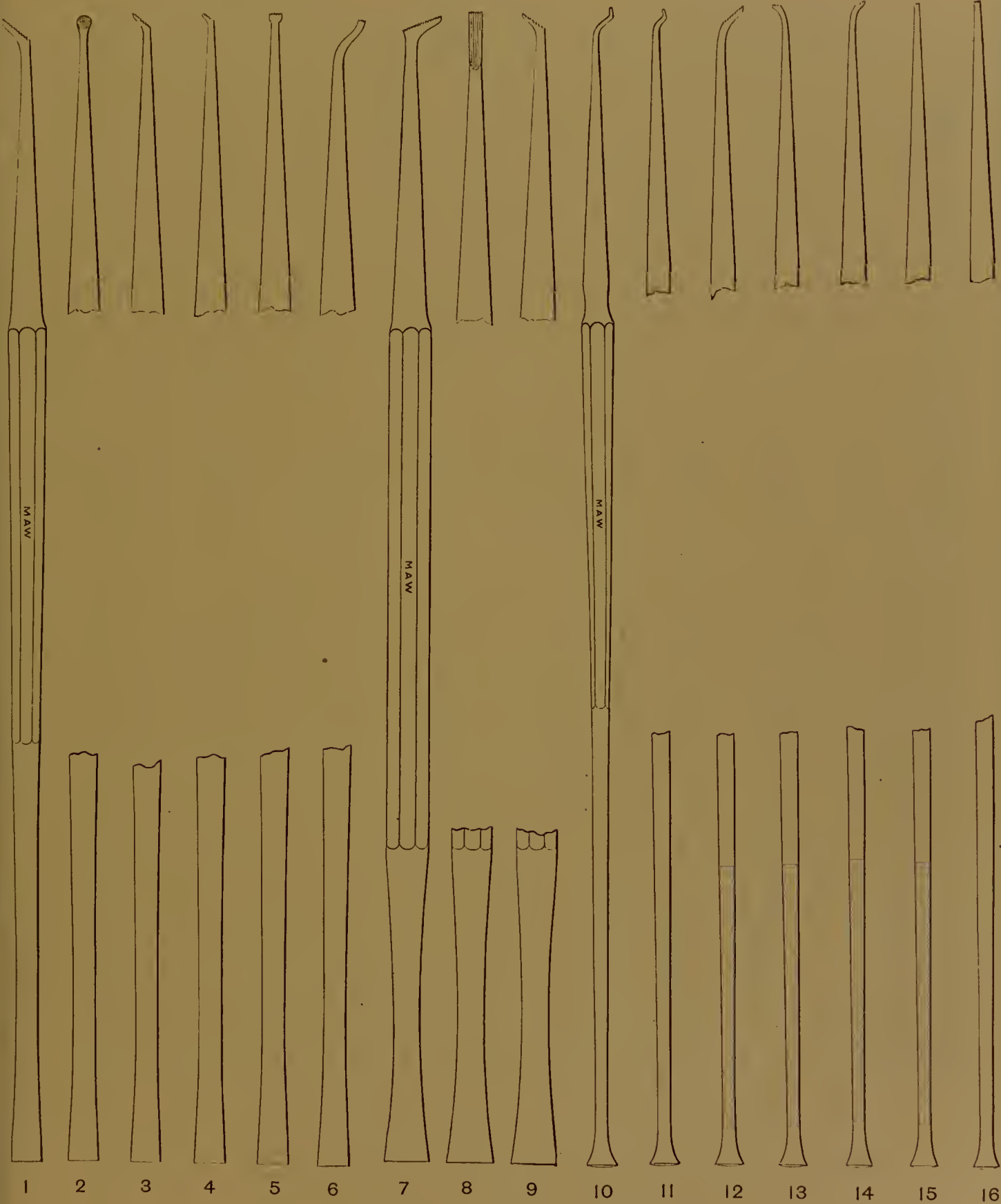


ADAPTABLE TO THE AUTOMATIC MALLET.

Figs. 1 to 9. AUTOMATIC MALLET POINTS.
 Figs. 10 to 14. BURNISHERS.
 Figs. 15 to 20. BURRS, LOCK BIT.
 Figs. 21 to 23. BURRS, NERVE.

Figs. 24 to 32. BURRS, PLUG FINISHING.
 Figs. 33 to 52. BURRS, FOR STRAIGHT HAND-PIECE.
 Figs. 53 to 60. DRILLS.

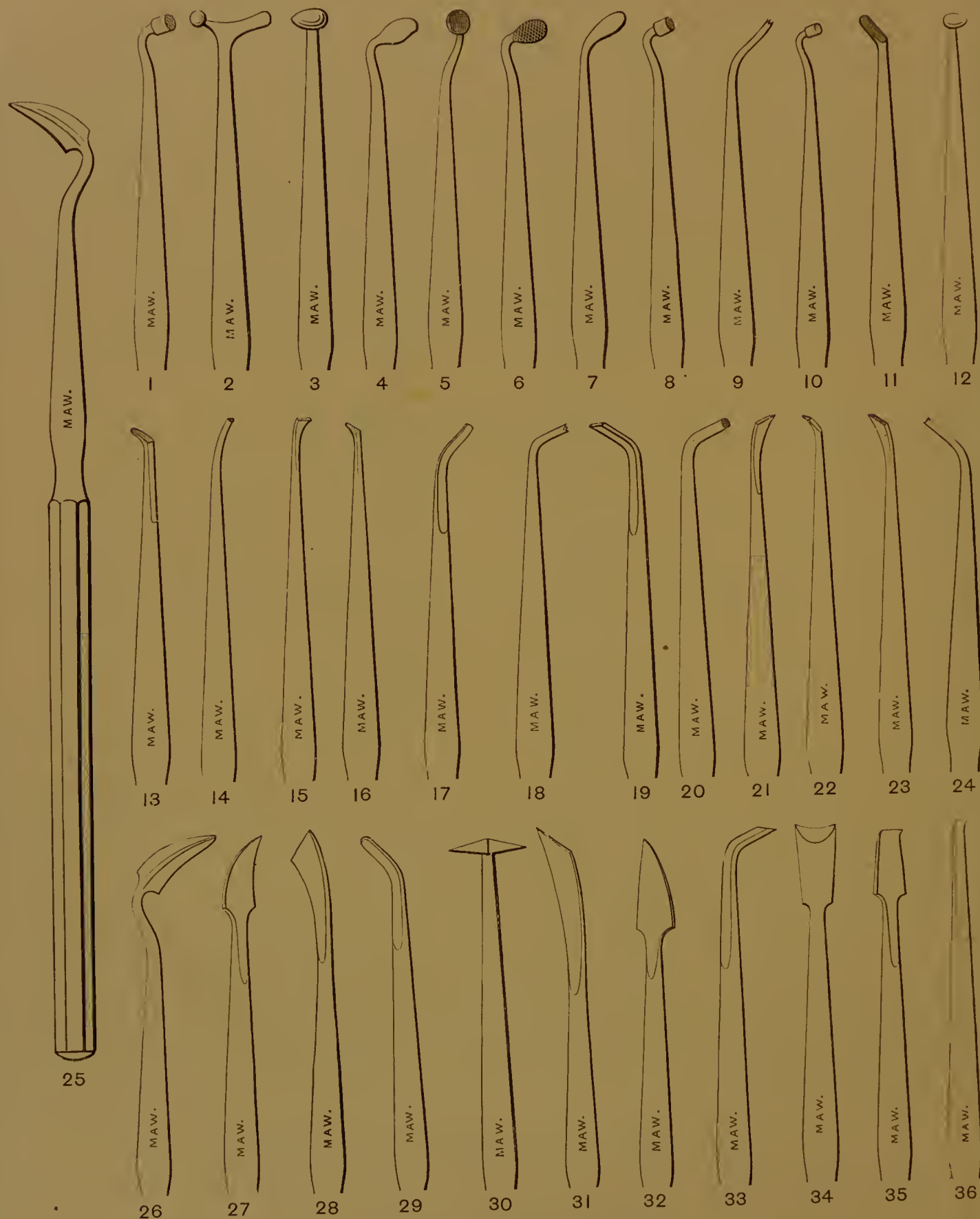
MALLET PLUGGERS.



WITH OCTAGON CENTRES.

Figs. 1 to 6. BUTLER'S. || Figs. 7 to 9. STEVEN'S. || Figs. 10 to 16. VARNY'S.

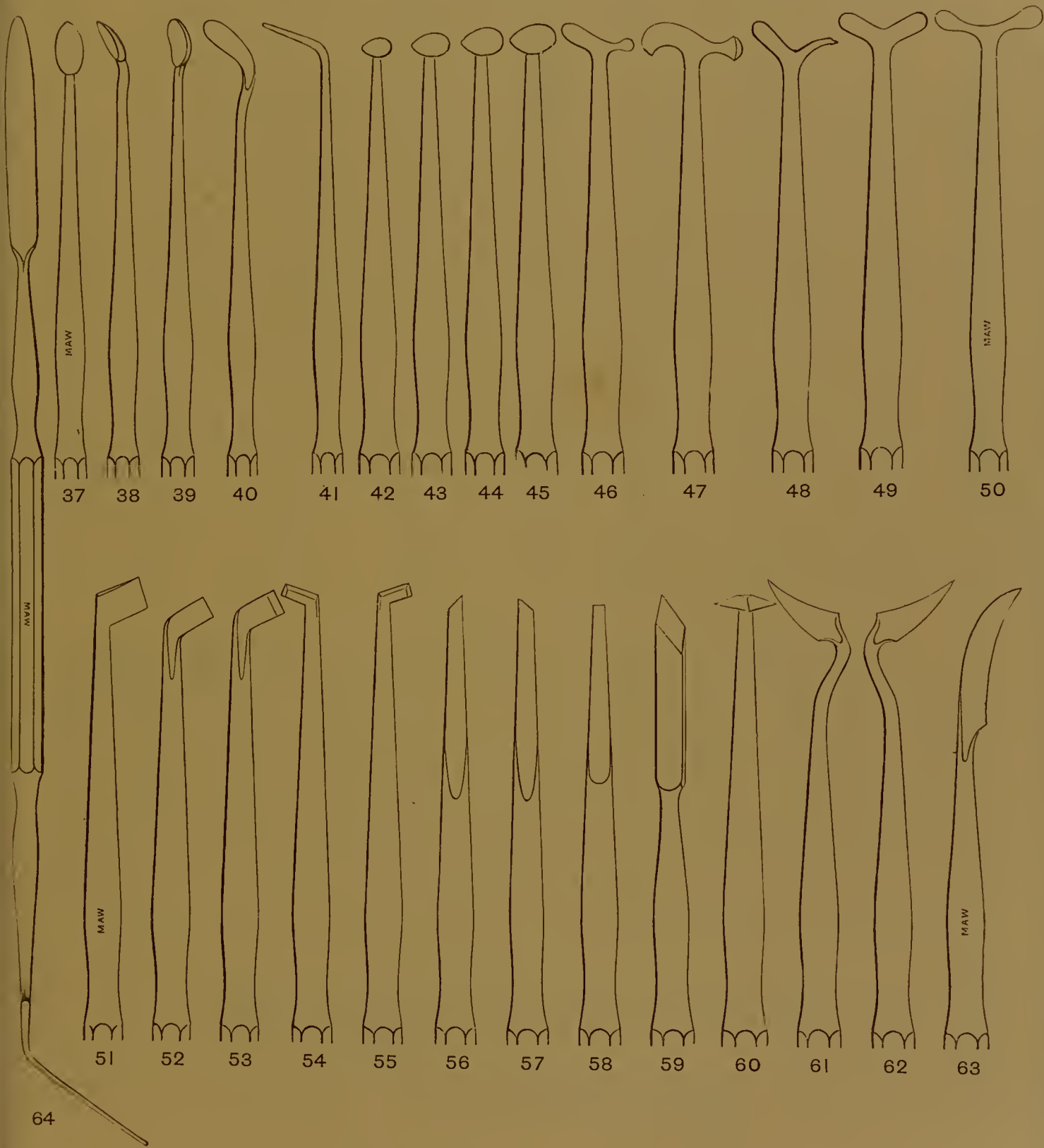
BURNISHERS, PLUGGERS, AND SCALERS.



OCTAGON STEEL HANDLES.

Figs. 1 to 12. BURNISHERS. || Figs. 13 to 24. PLUGGERS. || Figs. 25 to 36. SCALERS.

BURNISHERS, ENAMEL CUTTERS, SCALERS, AND SPATULA.

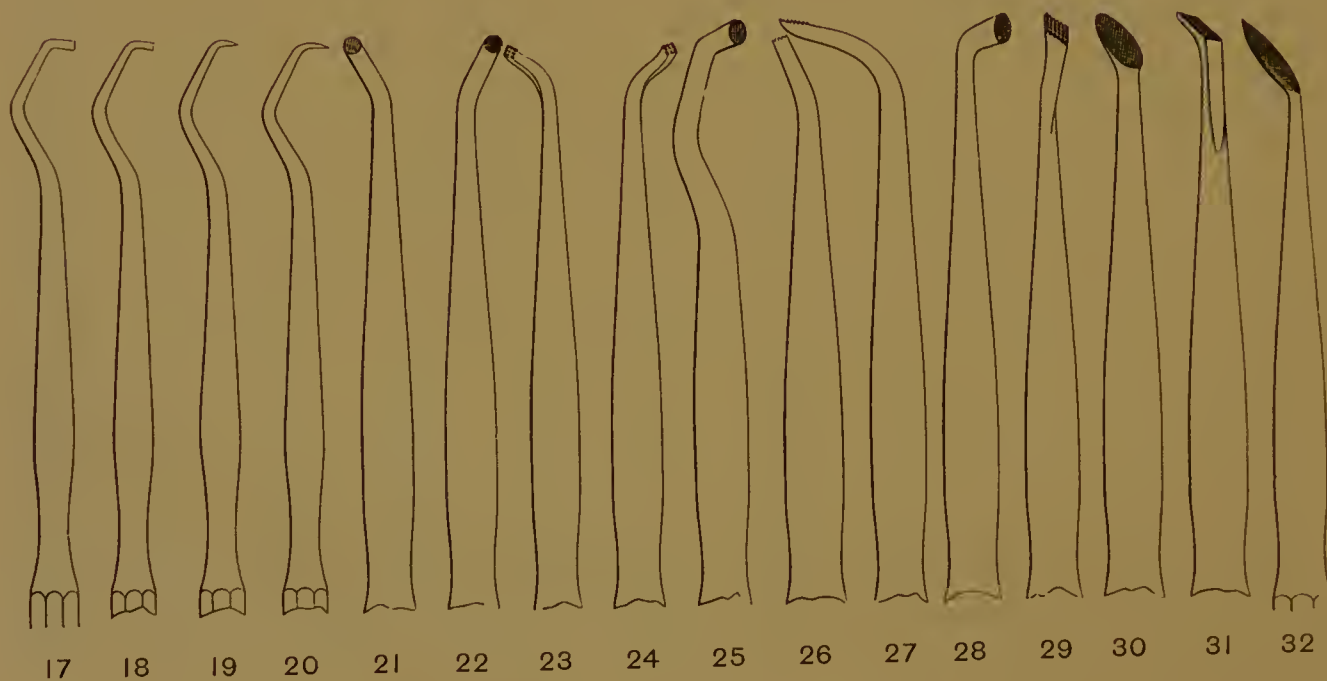
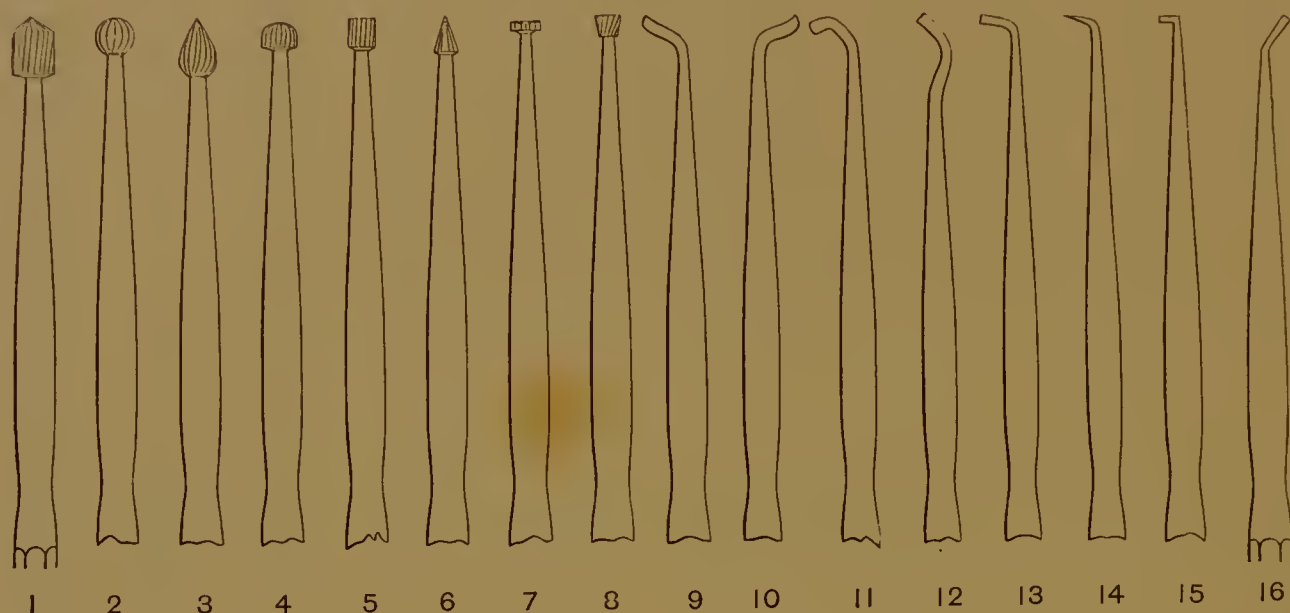


OCTAGON STEEL HANDLES.

Figs. 37 to 50. BURNISHERS.
Figs. 51 to 58. ENAMEL CUTTERS.

Figs. 59 to 63. SCALERS.
Fig. 64. SPATULA.

BURRS, EXCAVATORS, AND STOPPERS.



OCTAGON STEEL HANDLES.

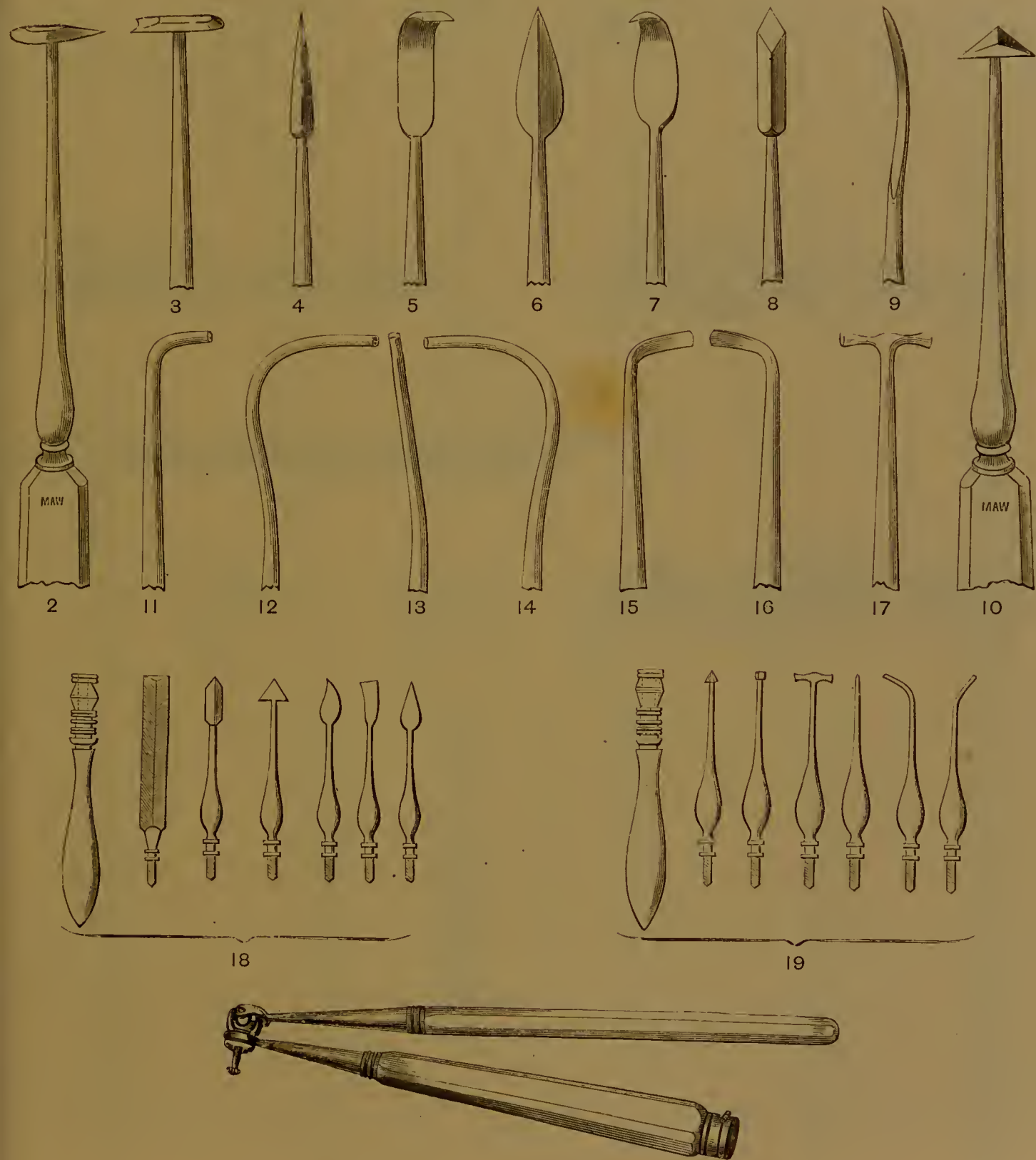
Figs. 1 to 8. BURRS.

Figs. 9 to 16. EXCAVATORS.

Figs. 17 to 20. EXCAVATORS.

Figs. 21 to 32. STOPPERS.

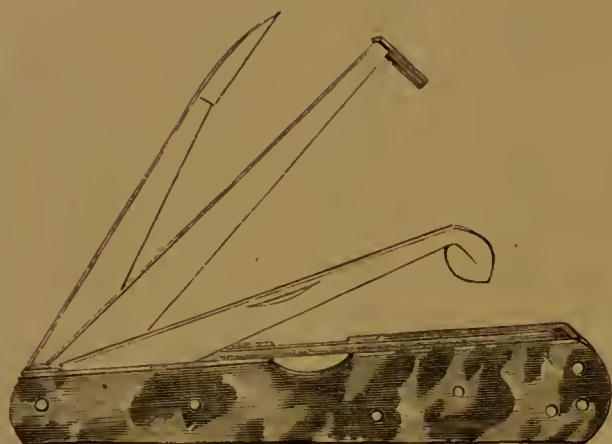
DRILLS, SCALERS, AND STOPPERS.



IN IVORY HANDLES.

Fig. 1. DRILLS, WITH SWIVEL MOUNTED HANDLE.
Figs. 2 } SCALERS AND STOPPERS, BELL'S.
to 17. }
Fig. 18. SCALERS, BELL'S, FITTING ONE HANDLE.
Fig. 19. STOPPERS, BELL'S, FITTING ONE HANDLE.

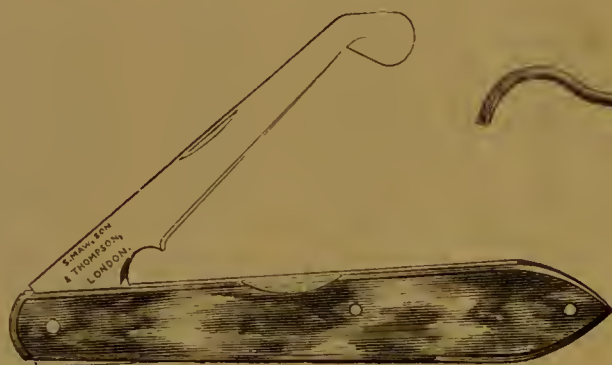
DRILLS, GUM LANCETS, SCALERS, AND SYRINGES.



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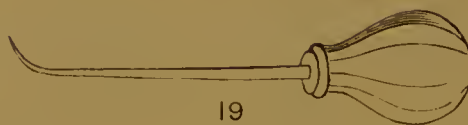
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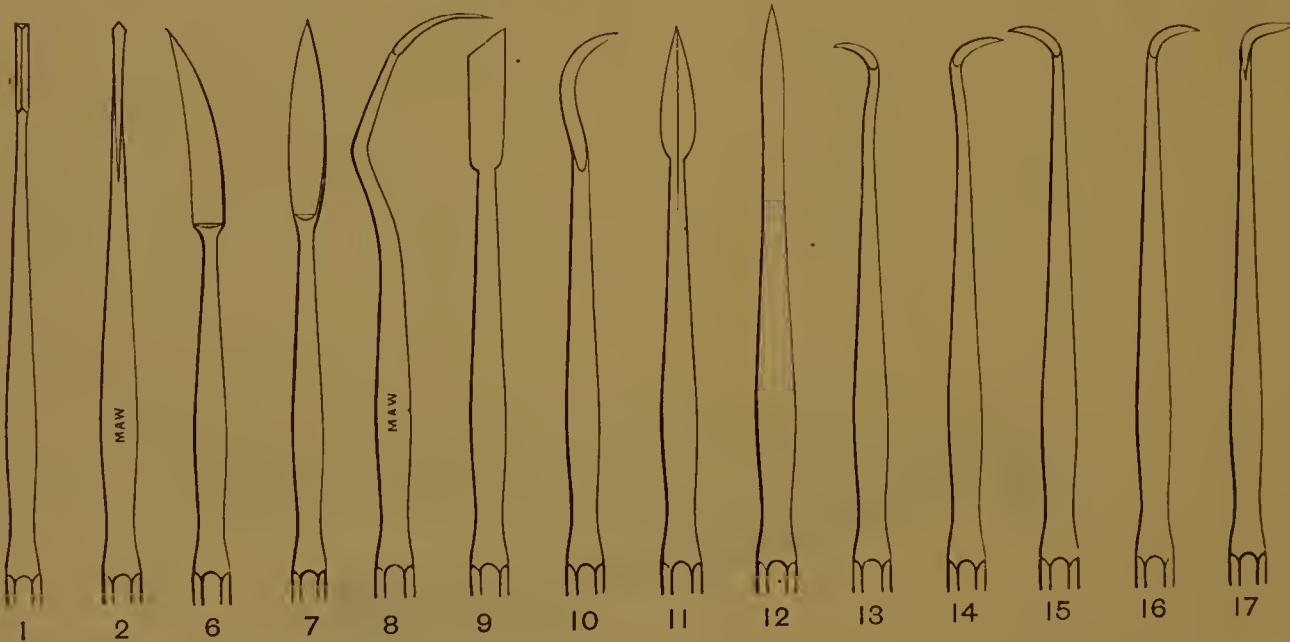
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Fig. 1. DRILL.

Fig. 2. DRILL.

Fig. 3. LANCET, GUM, SINGLE.

Fig. 4. LANCETS, GUM, DOUBLE.

Fig. 5. LANCETS, GUM, THREE BLADES.

Fig. 6. LANCET, STEEL HANDLE.

Fig. 7. LANCET, STEEL HANDLE.

Figs. 8 to 12. SCALERS, SMALL, OCTAGON HANDLES.

Figs. 13 to 17. SCALERS, HOW'S.

Fig. 18. SYRINGE, ELECTRO-PLATED.

Fig. 19. SYRINGE, INDIA-RUBBER, SILVER PIPE.

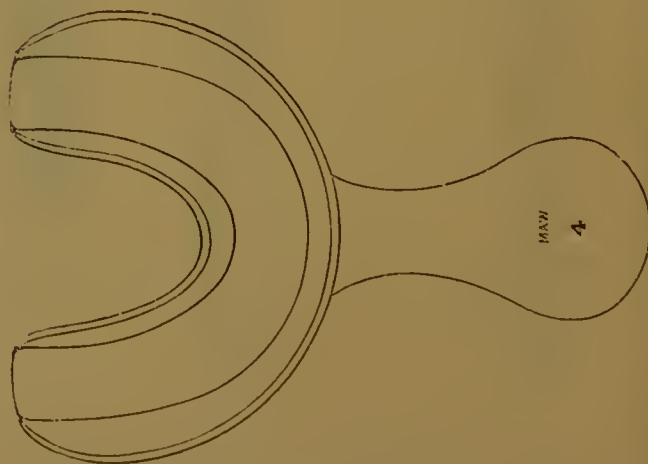
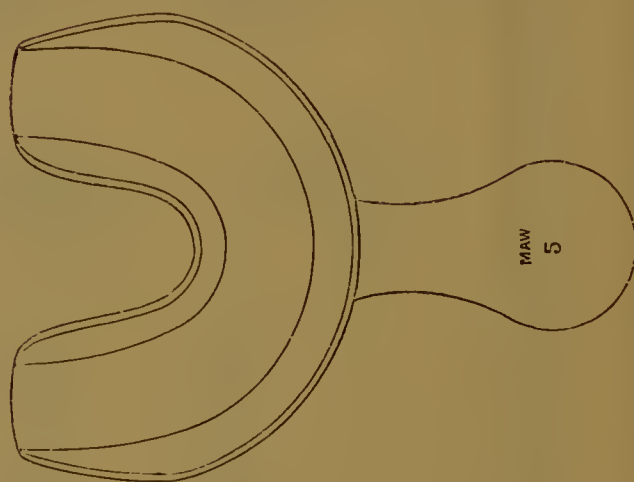
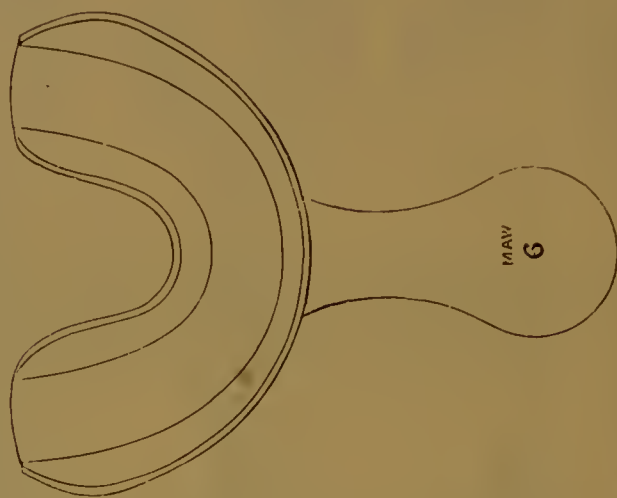
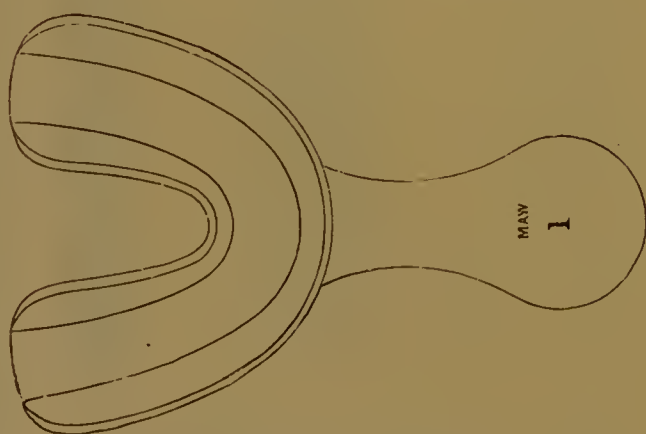
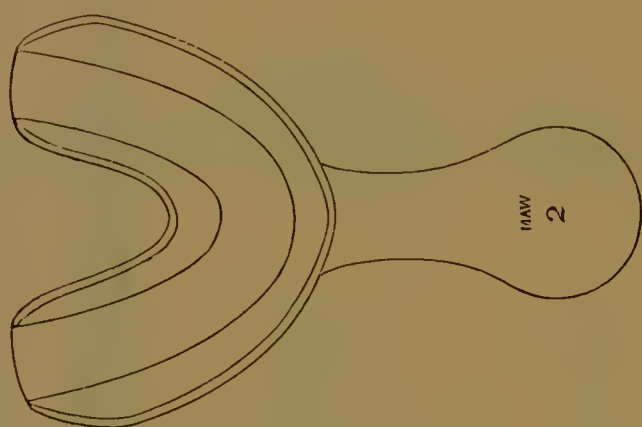
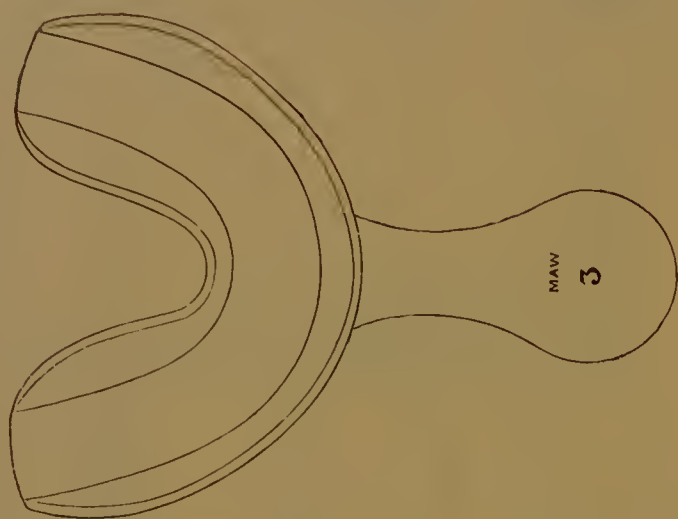
TOOTH MIRRORS.



Fig. 1. GLASS, EBONY OR IVORY MOUNTED.
Fig. 2. GLASS, EBONY OR IVORY MOUNTED.
Fig. 3. GLASS, BALL AND SOCKET MOVEMENT.
Fig. 4. GLASS, JOINTED HANDLE.
Fig. 5. GLASS, FIXED HANDLE.

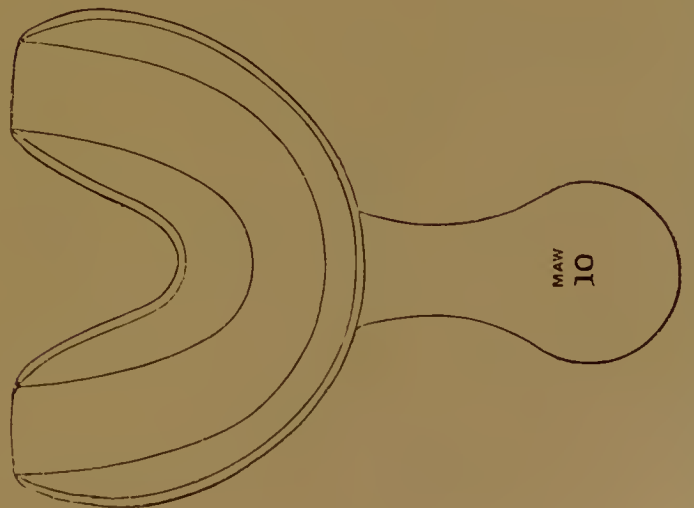
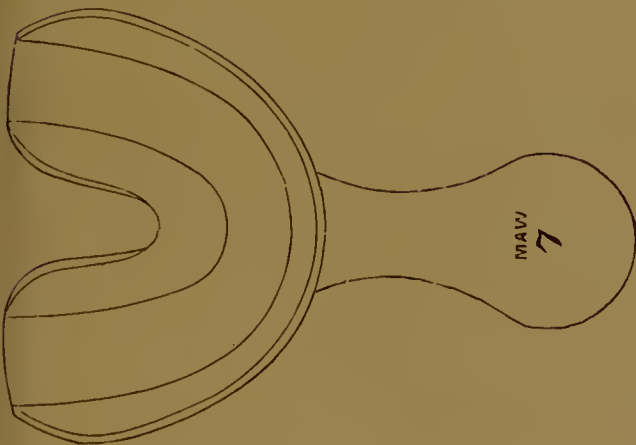
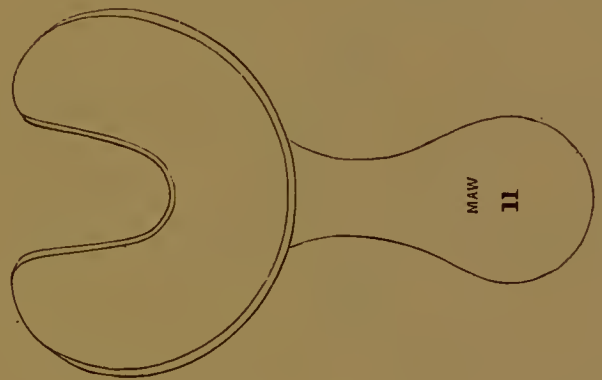
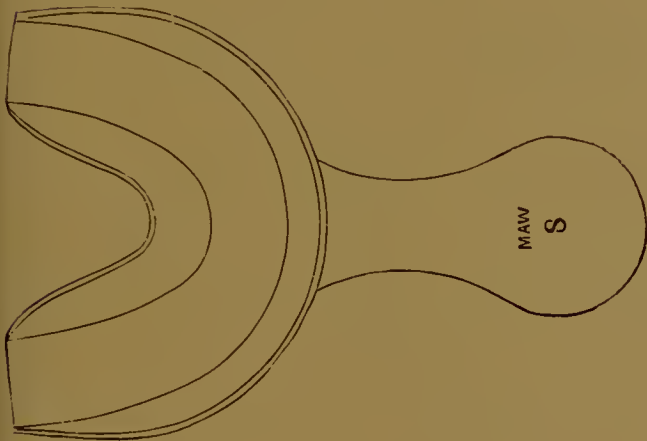
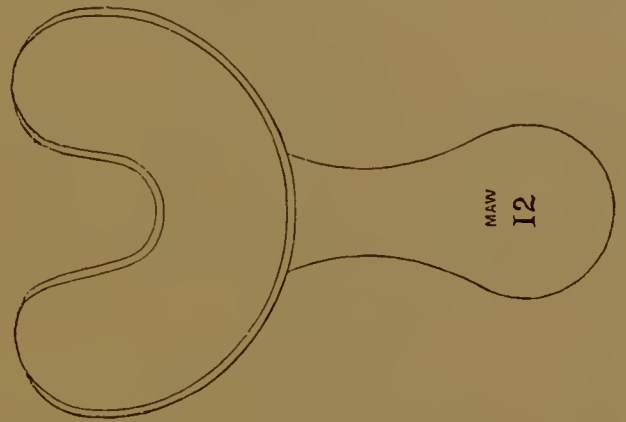
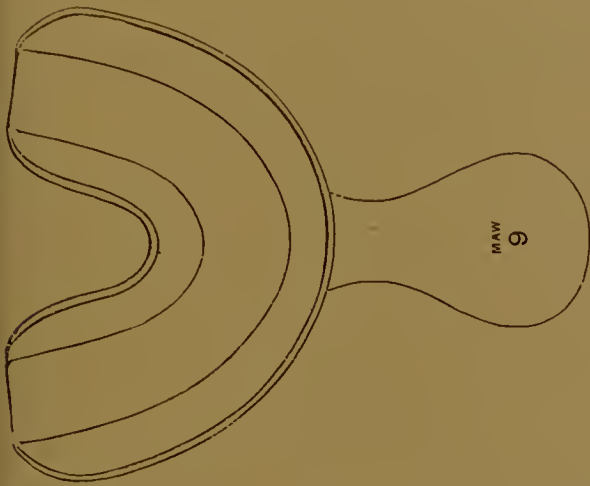
Fig. 6. GLASS, REVOLVING FRAME.
Fig. 7. GLASS, FOLDING HANDLE.
Fig. 8. STEEL.
Fig. 9. STEEL, PEARL HANDLE.
Fig. 10. STEEL, SHELL HANDLE.

TRAYS FOR TAKING IMPRESSIONS.

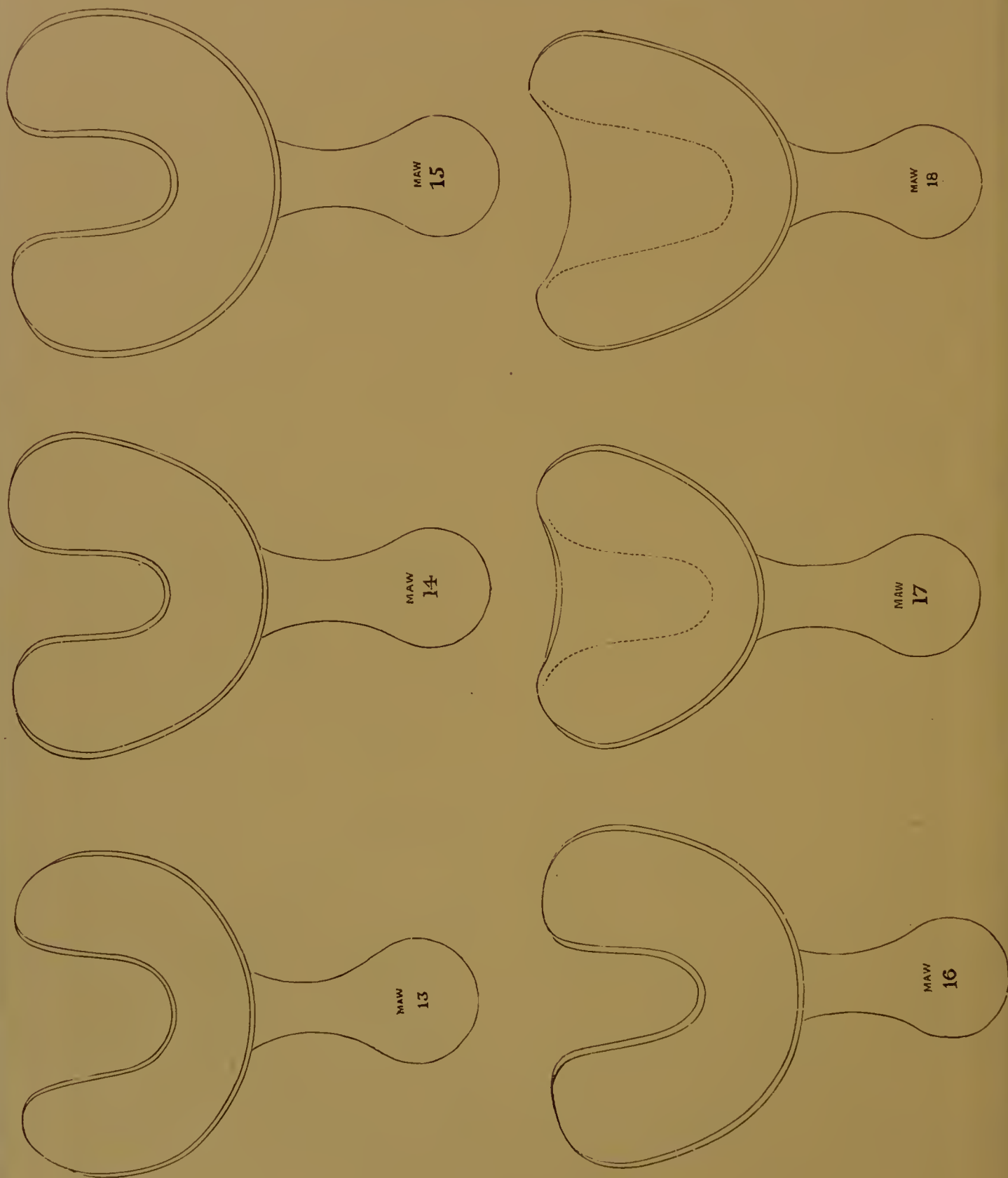


Figs. 1 to 5. SQUARE BOTTOMS, LOWER JAW.
Fig. 6. SQUARE BOTTOMS, UPPER JAW.

TRAYS FOR TAKING IMPRESSIONS (*Continued*).

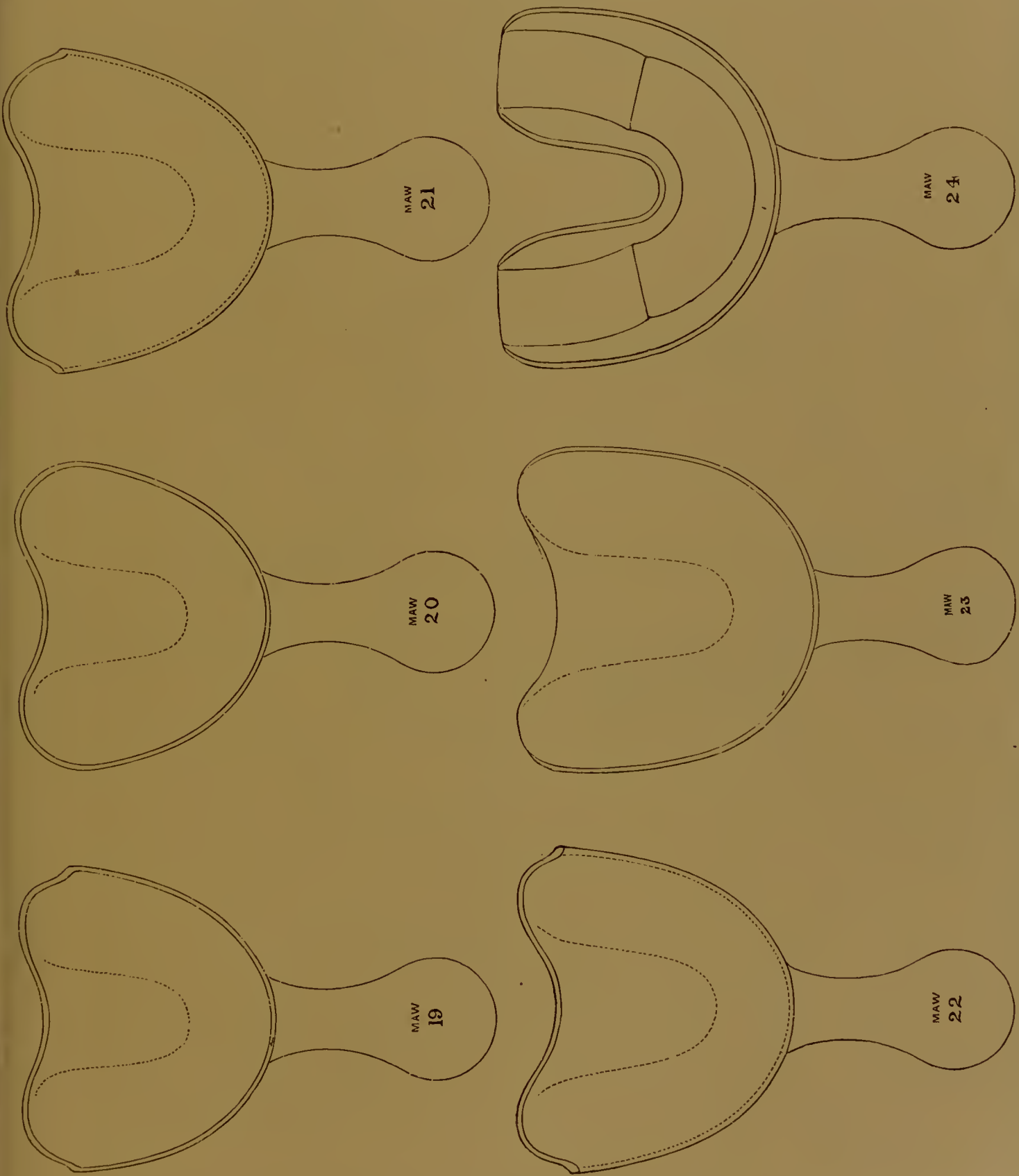


Figs. 7 to 10. SQUARE BOTTOMS, UPPER JAW.
Figs. 11, 12. ROUND BOTTOMS, LOWER JAW.

TRAYS FOR TAKING IMPRESSIONS (*Continued*).

Figs. 13 to 16. ROUND BOTTOMS, LOWER JAW.
Figs. 17, 18. ROUND BOTTOMS, UPPER JAW.

TRAYS FOR TAKING IMPRESSIONS (*Continued*).



Figs. 19 to 23. ROUND BOTTOMS, UPPER JAW.
Fig. 24. PARTIAL LOWER, WITH CAVITY TO RECEIVE FRONT TEETH.

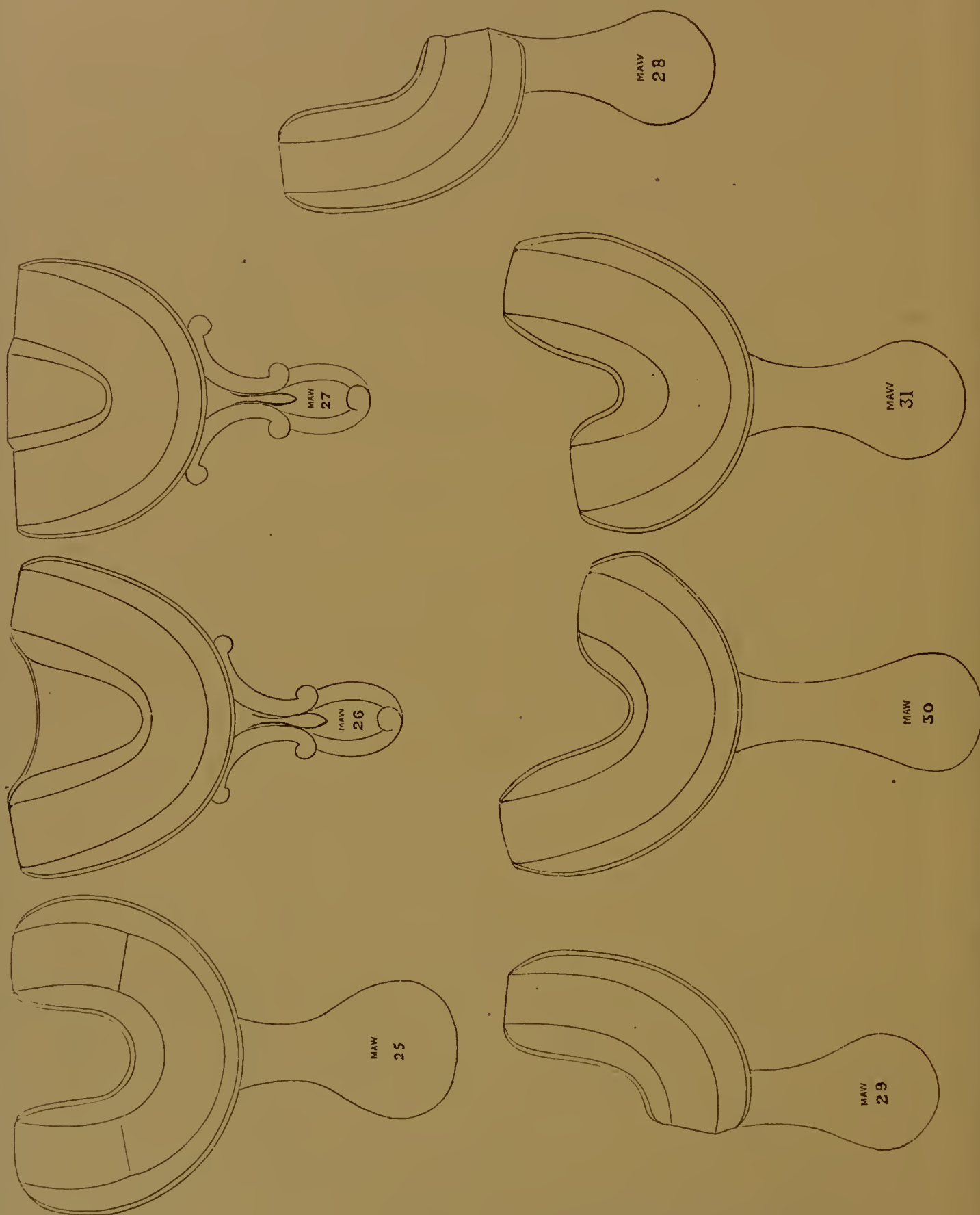
TRAYS FOR TAKING IMPRESSIONS (*Continued*).

Fig. 25. PARTIAL LOWER, WITH CAVITY TO RECEIVE FRONT TEETH.
 Figs. 26, 27. PARTIAL UPPER, WITH SQUARE BOTTOMS.
 Figs. 28, 29. HALF TRAYS.
 Figs. 30, 31. THREE-QUARTER TRAYS.

SECTION VIII.

INSTRUMENTS FOR LITHOTOMY,
LITHOTRITY, LITHOLOPAXY, THE BLADDER,
AND URETHRA.

CONTENTS OF SECTION VIII.

BIGELOW'S INSTRUMENTS.
BOUGIE, GRADUATED.
BOUGIES.
CATHETERS.
CLOVER'S CRUTCH.
ELASTIC TUBE.
ENDOSCOPES.
FORCEPS, LITHOTOMY.
FORCEPS, PHYMOSIS.
FORCEPS, URETHRA.
GAUGE FOR BOUGIES AND
CATHETERS.

GORGET.
INSUFFLATER.
KNIVES, LITHOTOMY.
LITHOTOMES.
LITHOTOMY AND LITHOTRITY
INSTRUMENTS IN CASES.
LITHOTRITES.
NAPIER'S INSTRUMENTS.
SCOOPS, FOREIGN BODY.
SCOOPS, LITHOTOMY.
SOUNDS FOR DIAGNOSIS.
STAFFS.

STONE CRUSHERS.
STRAPS, LITHOTOMY.
STRICTURE DILATORS.
SYRINGE AND INFLATER.
SYRINGE, HYDROCELE.
SYRINGE, URETHRA, AND
CANULA.
TEEVAN'S INSTRUMENTS.
TROCAR, HYDROCELE.
URETHROMETER.
URETHROTOMES.

BOUGIES.



Fig. 1. ACORN.
Fig. 2. BELLIED OLIVARY.
Fig. 3. BALL STAFF.
Fig. 4. CONICAL.

Fig. 5. CYLINDRICAL.
Fig. 6. FILIFORM.
Fig. 7. OLIVARY.
Fig. 8. OLIVARY.

Fig. 9. }
Fig. 10. } RICHARDSON'S.
Fig. 11. }
Fig. 12. }

CATHETERS.



Fig. 13. À COUDÉE, MERCIER'S.
 Fig. 14. BI-COUDÉE, MERCIER'S.
 Fig. 15. CONICAL.
 Fig. 16. MAW'S, SOFT RUBBER.

Fig. 17. OLIVARY.
 Fig. 18. OLIVARY.
 Fig. 19. PROSTATE.
 Fig. 20. RETENTIVE, SOFT RUBBER.

CATHETERS (Continued).

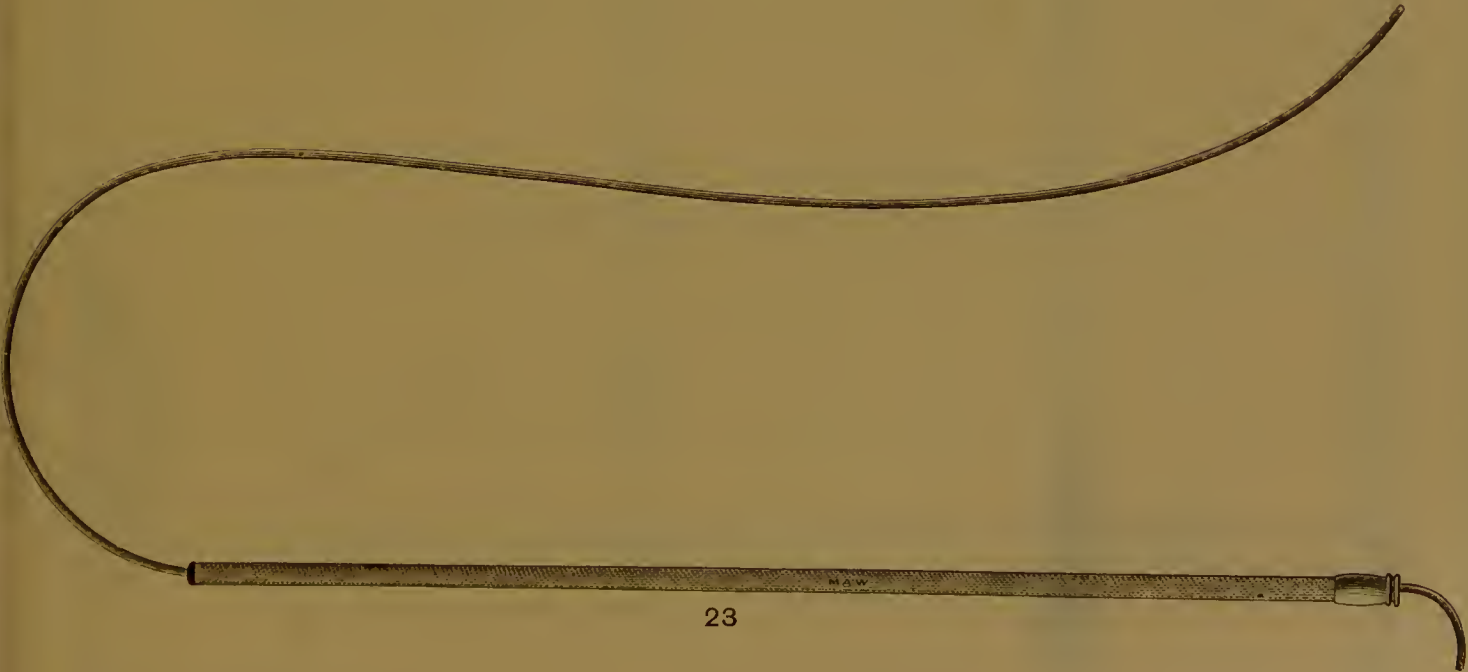
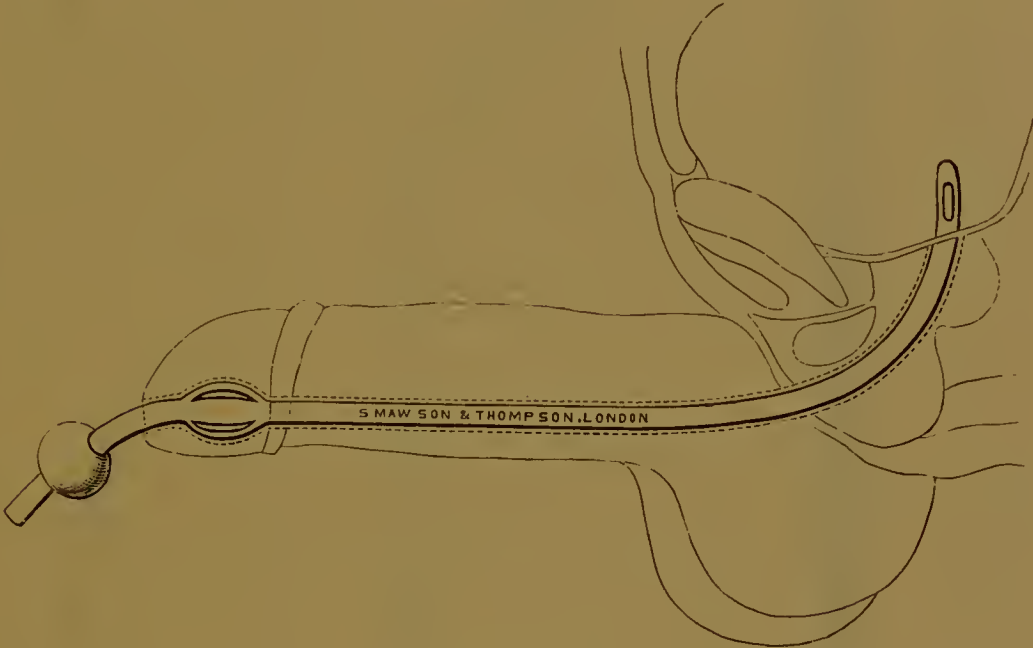
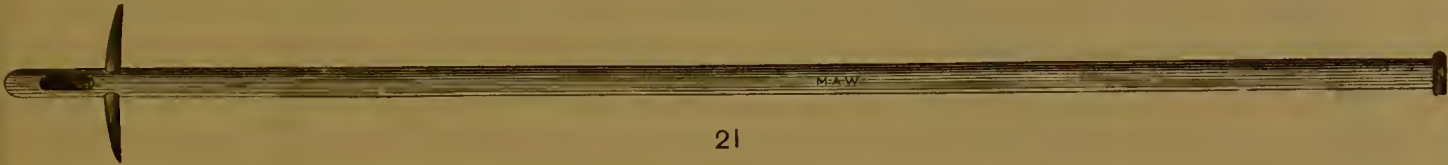


Fig. 21. HOLT'S RETENTIVE. || . Fig. 22. NAPIER'S RETENTIVE. || Fig. 23. RAILWAY.

CATHETERS (Continued).

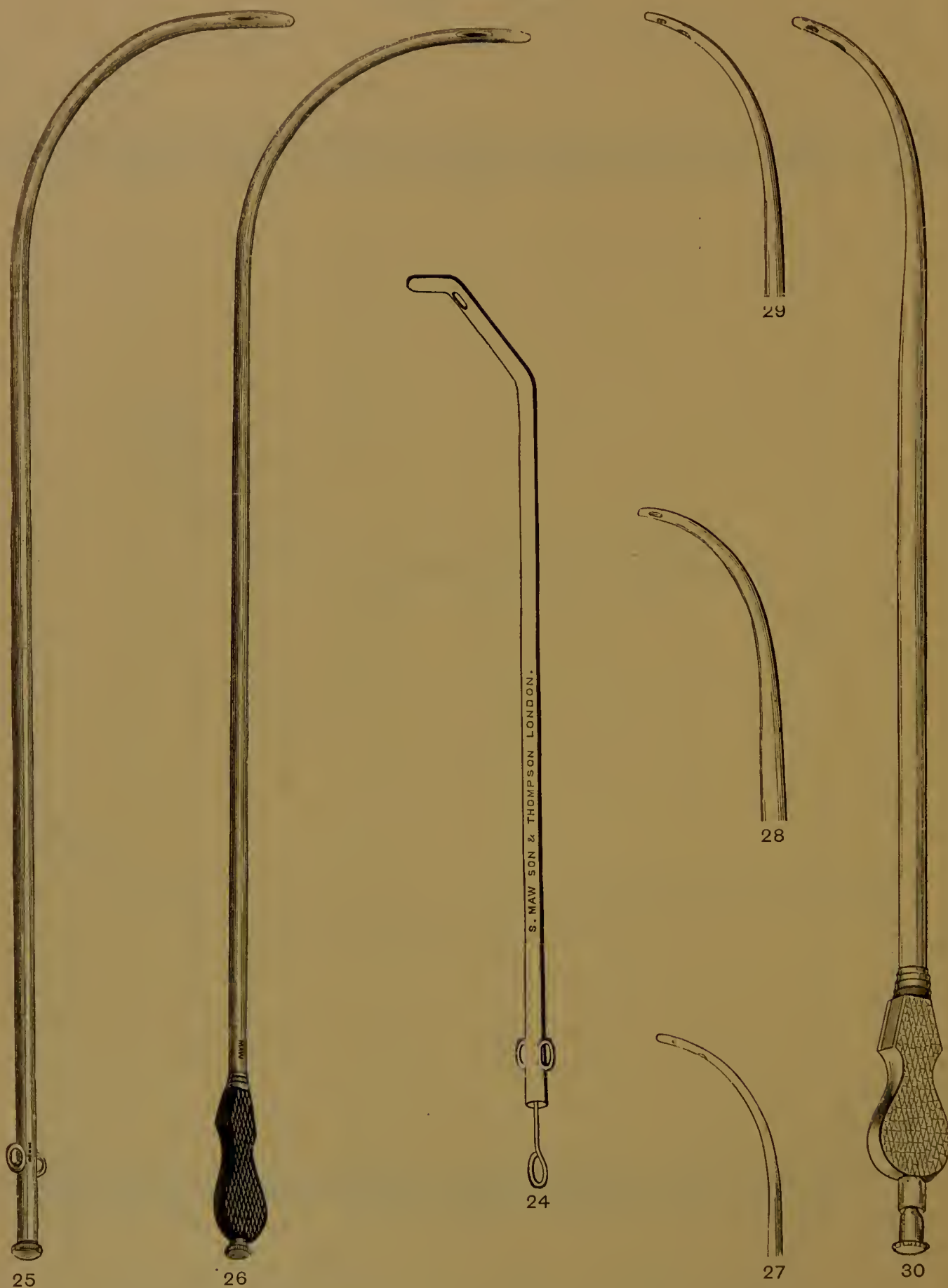


Fig. 24. BI-COUDÉE, MERCIER'S.
Fig. 25. PROSTATE.

Fig. 26. PROSTATE, BRODIE'S.
Figs. 27 to 30. PROSTATE, RICHARDSON'S.

CATHETERS, ETC. (Continued).

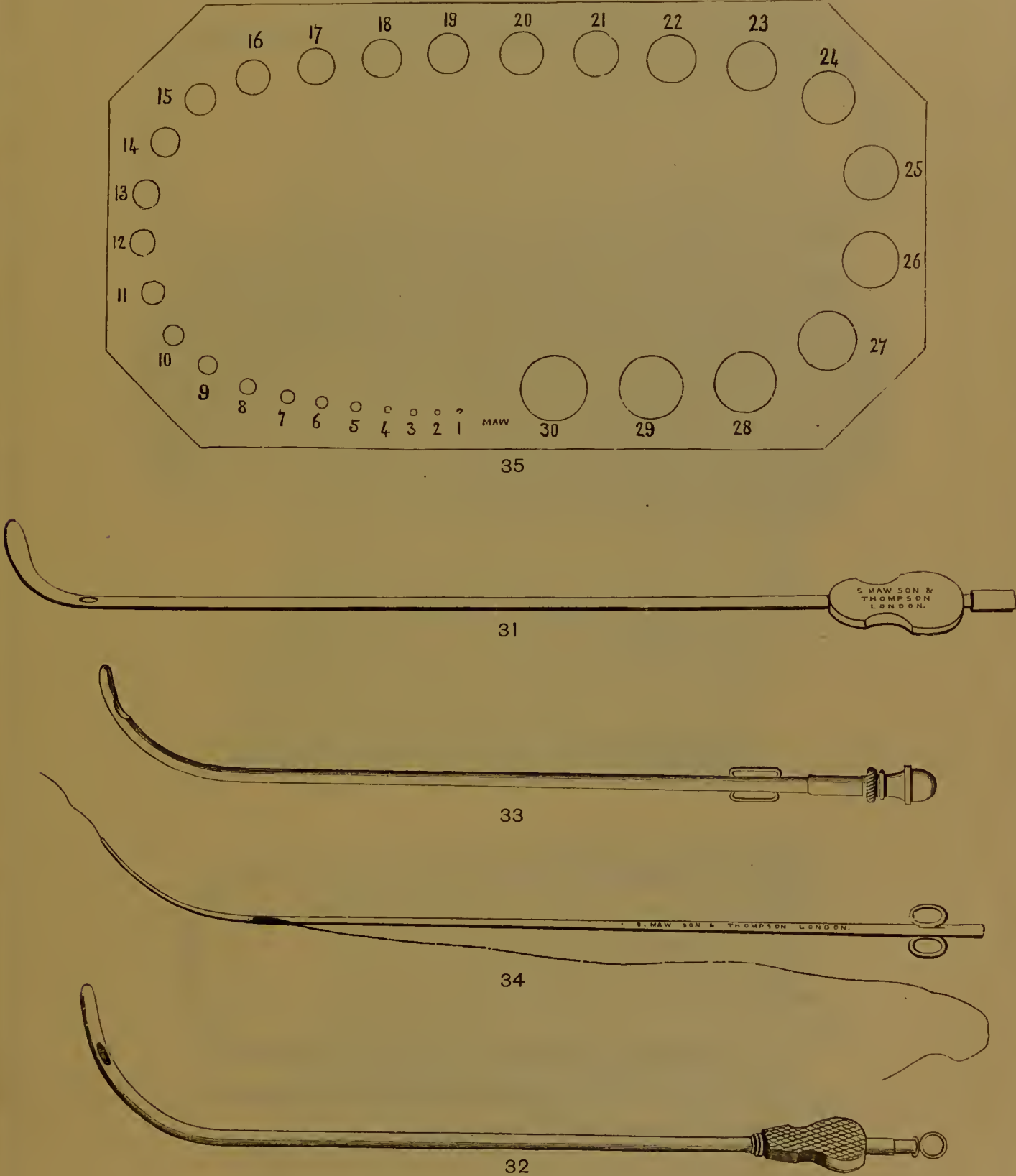
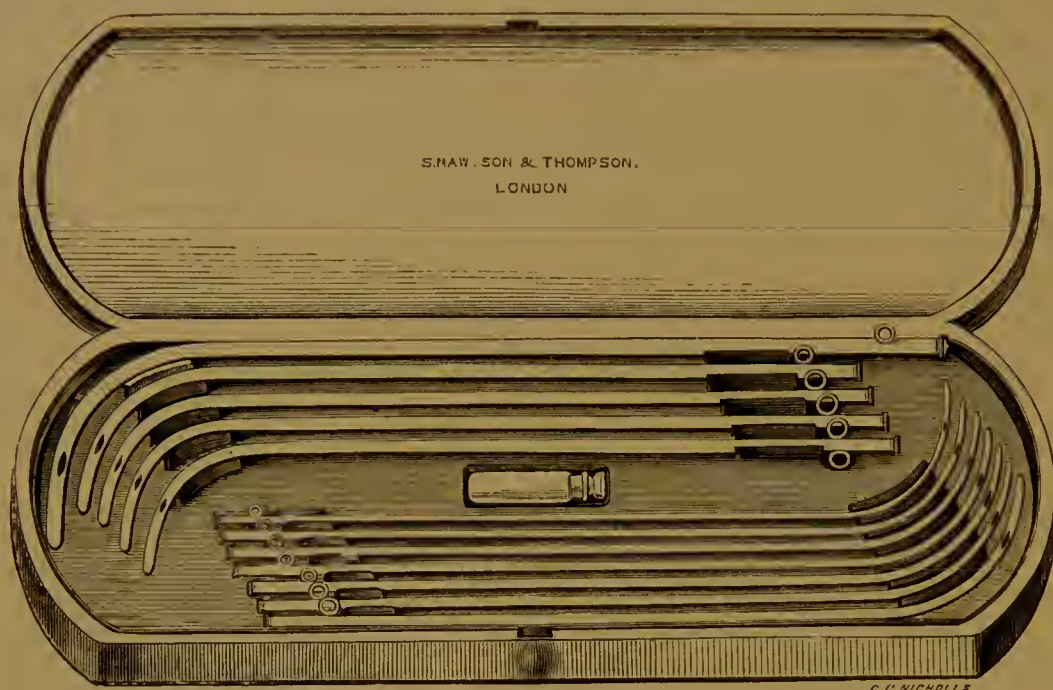


Fig. 31. BULBOUS.
Fig. 32. BRODIE'S.
Fig. 33. WITH ELASTIC-GUM STYLET, AND
LARGE EYE, FOR CLOTS.

Fig. 34. GOULEY'S TUNNELLED.
Fig. 35. GAUGE FOR BOUGIES AND
CATHETERS.

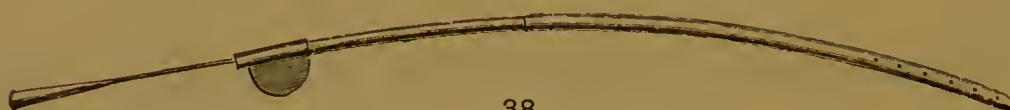
CATHETERS (Continued).



36



37



38



39

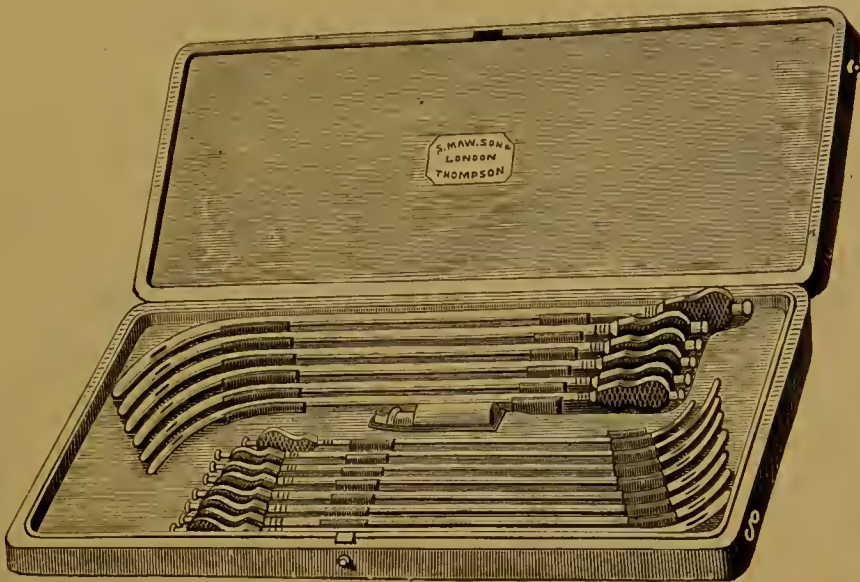
Fig. 36. CASE OF TWELVE, INCLUDING ONE FOR THE PROSTATE.

Fig. 37. FEMALE.

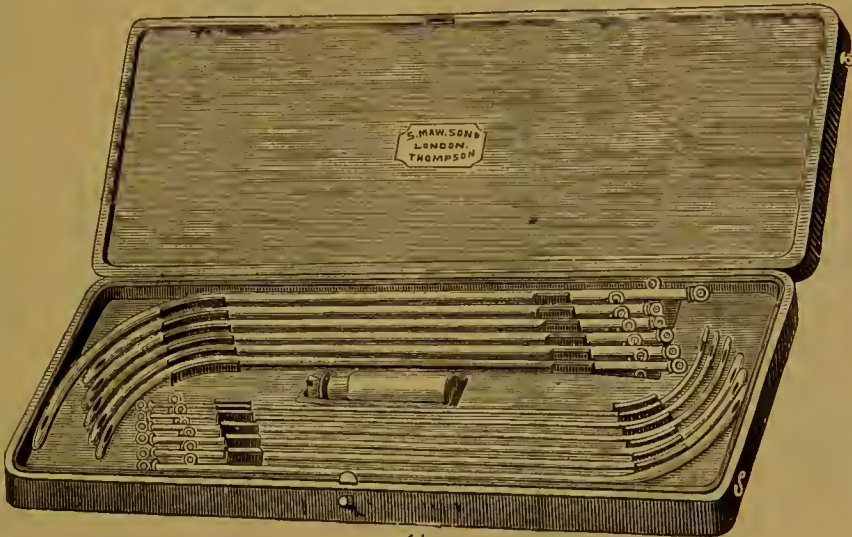
Fig. 38. FEMALE, SLIDING.

Fig. 39. PHILLIPS'.

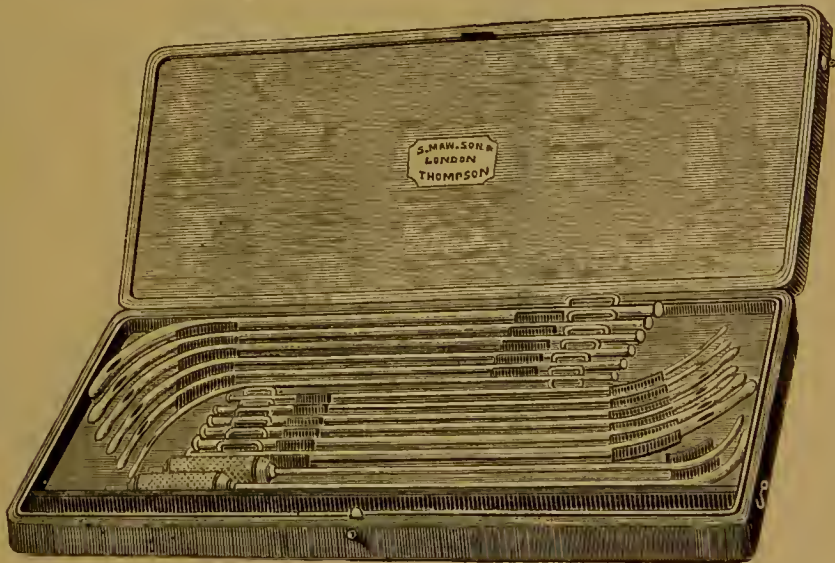
CATHETERS (Continued).



40



41



42

Fig. 40. BRODIE'S. || Fig. 41. LISTER'S. || Fig. 42. WAGSTAFF'S.

CATHETERS FOR THE APPLICATION OF CAUSTIC, ETC.

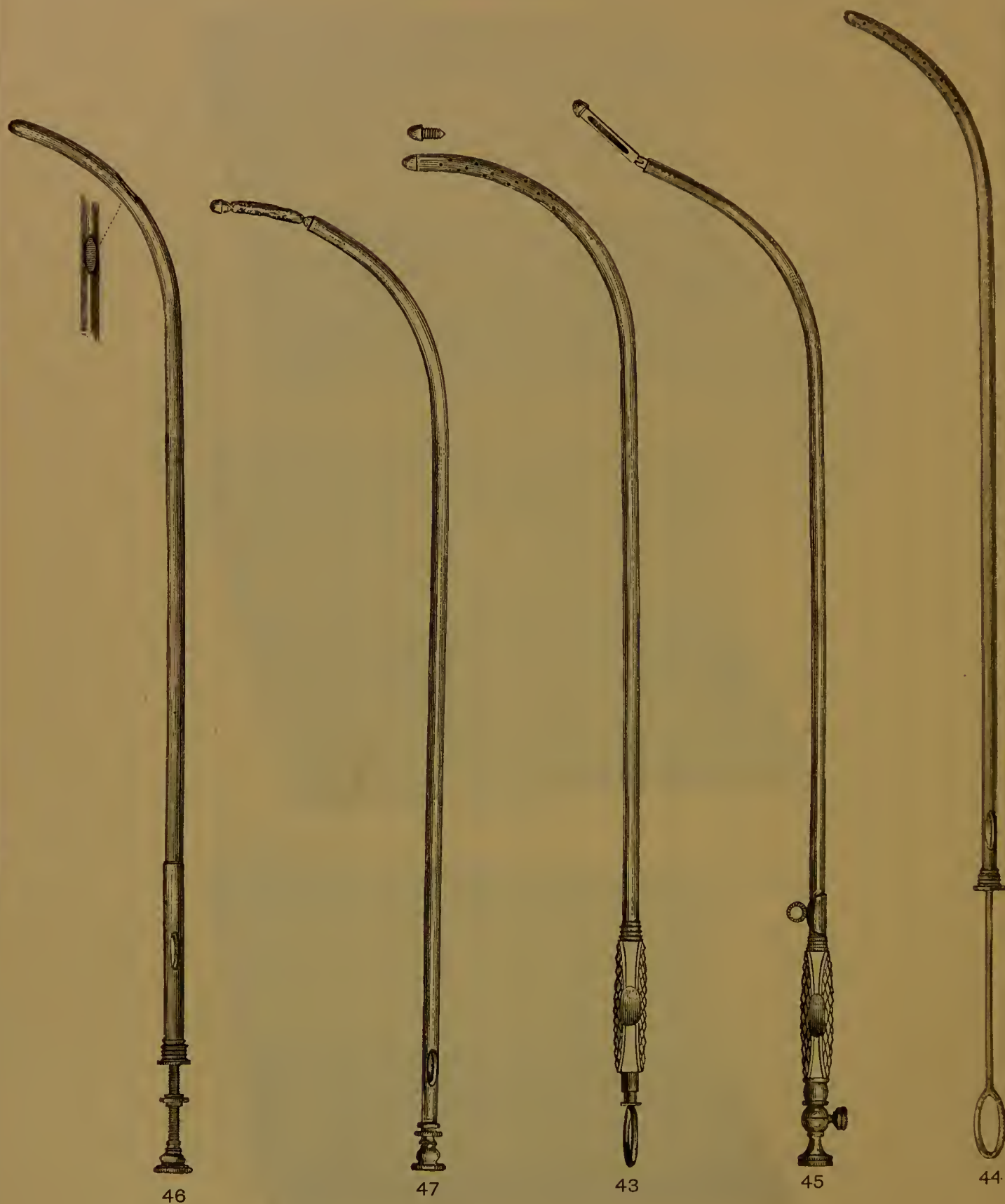


Fig. 43. DAWSON'S.

Fig. 44. ERICHSEN'S OR DICK'S.

Fig. 45. LALLEMAND'S.

Fig. 46. MCDUGALL'S.

Fig. 47. THOMPSON'S.

CATHETERS, ETC., FOR INJECTING AND WASHING THE BLADDER.

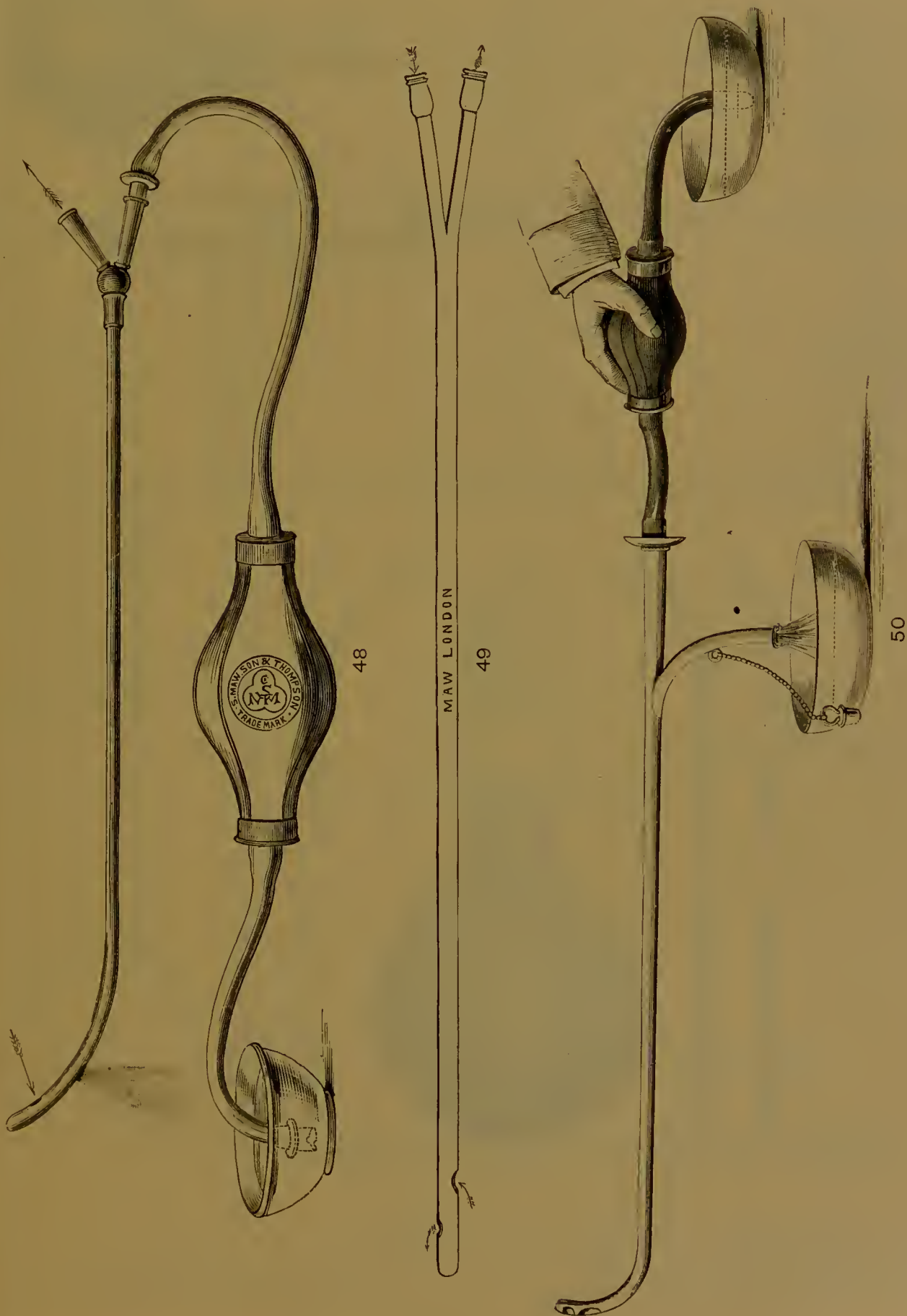
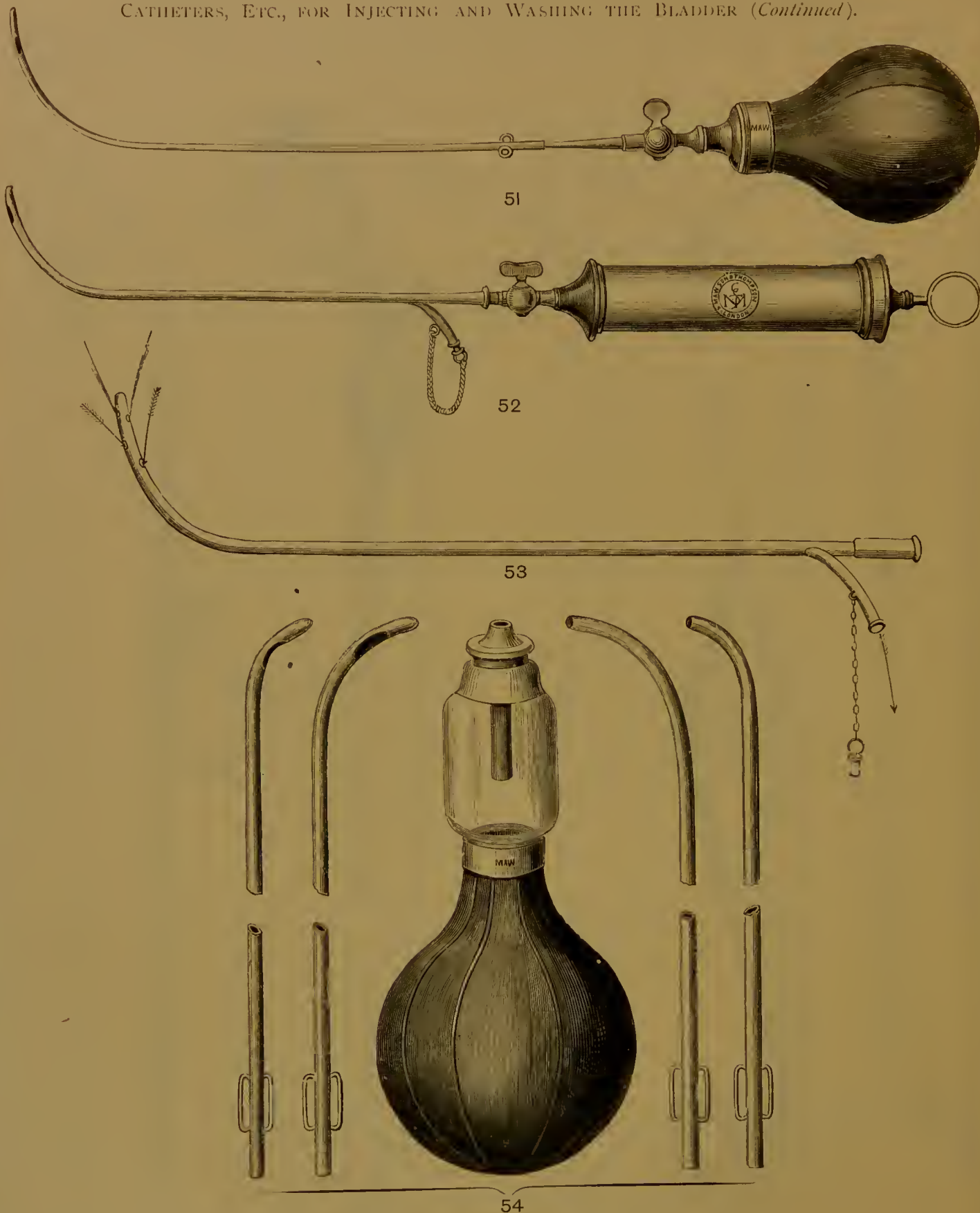


Fig. 48. DOUBLE CHANNEL, VULCANITE.
Fig. 49. DOUBLE CHANNEL, ELASTIC-GUM. (Adaptable with a small Piece of Tubing to any India-rubber Bottle.)
Fig. 50. DOUBLE CHANNEL, METAL.

CATHETERS, ETC., FOR INJECTING AND WASHING THE BLADDER (*Continued*).

- Fig. 51. BLADDER SYRINGE. (Adaptable to any size Catheter.)
 Fig. 52. DOUBLE CHANNEL CATHETER, WITH BRASS SYRINGE.
 Fig. 53. DOUBLE CHANNEL CATHETER.
 Fig. 54. CLOVER'S CATHETERS, WITH WASH BOTTLE FOR ASPIRATING THE DÉBRIS FROM THE BLADDER AFTER LITHOTRITY.

CATHETERS, HYDROCELE AND PHYMOSIS INSTRUMENTS.

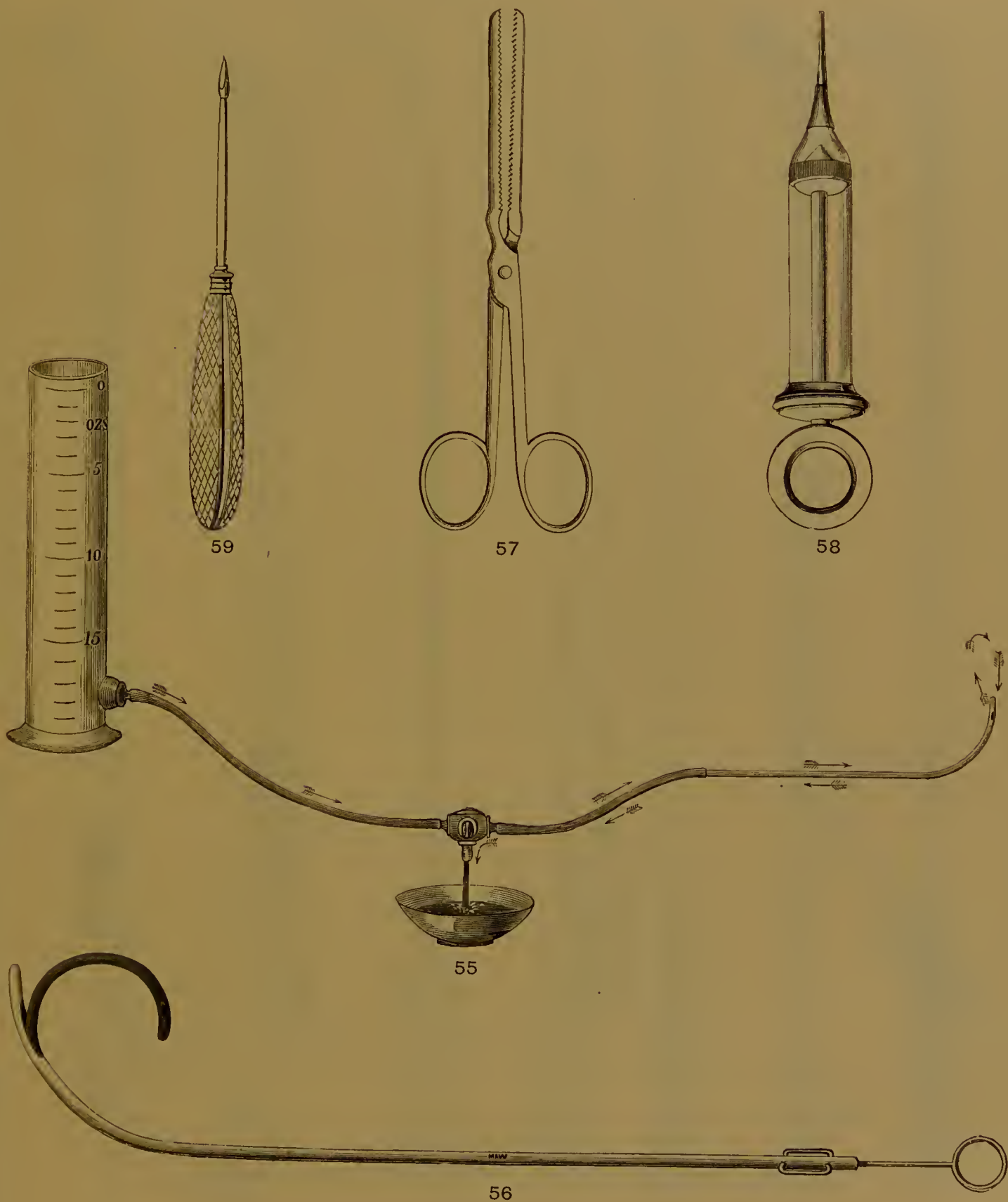


Fig. 55. CATHETER AND GLASS VESSEL FOR INJECTING AND WASHING THE BLADDER, BIRD'S.
Fig. 56. CATHETER, PROSTATE, HUTCHINSON'S.

Fig. 57. FORCEPS, PHYMOSIS, RICORD'S.
Fig. 58. SYRINGE, HYDROCELE.
Fig. 59. TROCAR, HYDROCELE.

STRICTURE DILATORS.

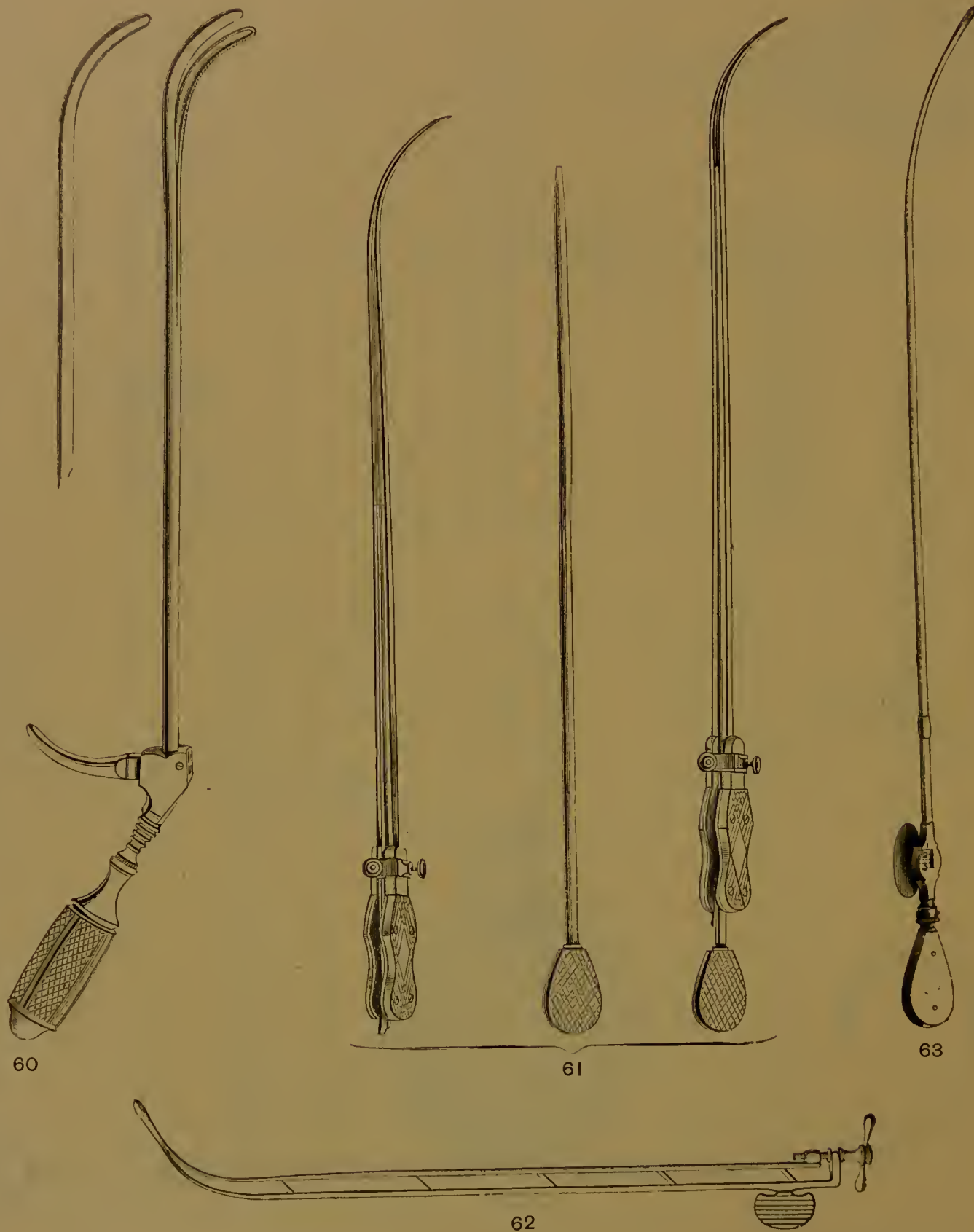


Fig. 60. COOPER'S.

Fig. 61. HOLT'S.

Fig. 62. LYON'S.

Fig. 63. THOMPSON'S.

SOUNDS FOR DIAGNOSIS.

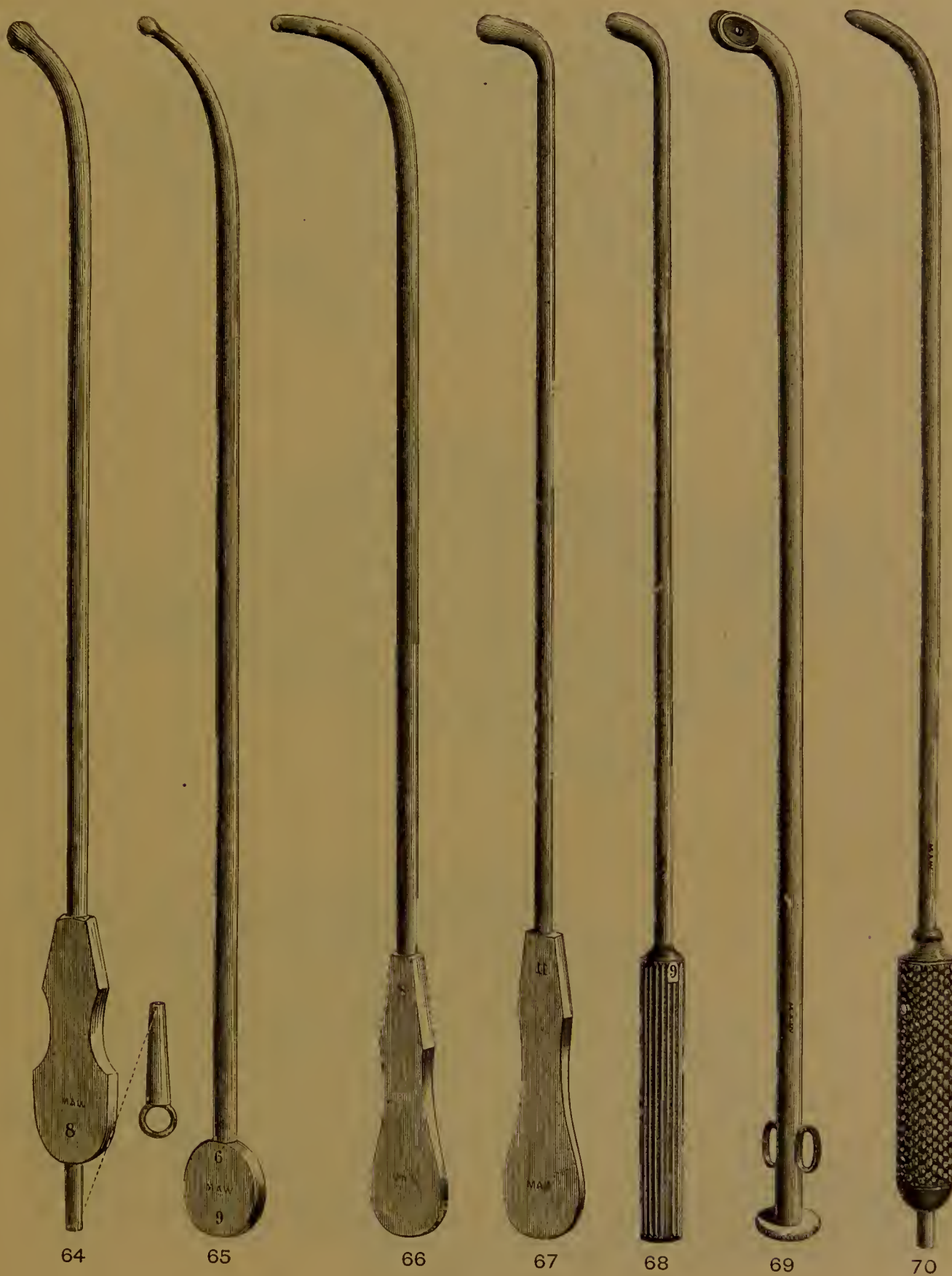


Fig. 64. HOLLOW.
Fig. 65. LISTER'S.
Fig. 66. LISTON'S.

Fig. 67. MERCIER'S.
Fig. 68. THOMPSON'S.

Fig. 69. TEEVAN'S.
Fig. 70. WAGSTAFF'S.

FIG. 71.—LITHOTOMY AND LITHOTRITY INSTRUMENTS.

FORCEPS (Four).

KNIFE, LITHOTOMY.

LITHOTRITE.

SCALPELS (Two).

SCOOP.

SOUNDS AND STAFFS (Six each).

FIG. 72.—LITHOTRITY INSTRUMENTS.

CATHETER.

LITHOTRITE.

SOUNDS (Six).

SYRINGE FOR INJECTING AND WASHING
THE BLADDER.

FIG. 73.—LITHOTOMY AND LITHOTRITY INSTRUMENTS.

BANDAGES.

FORCEPS (Four).

INSTRUMENTS FOR THE EXTRACTION OF

FOREIGN BODIES FROM THE URETHRA.

KNIVES, LITHOTOMY (Two).

LITHOTRITE.

SCALPEL.

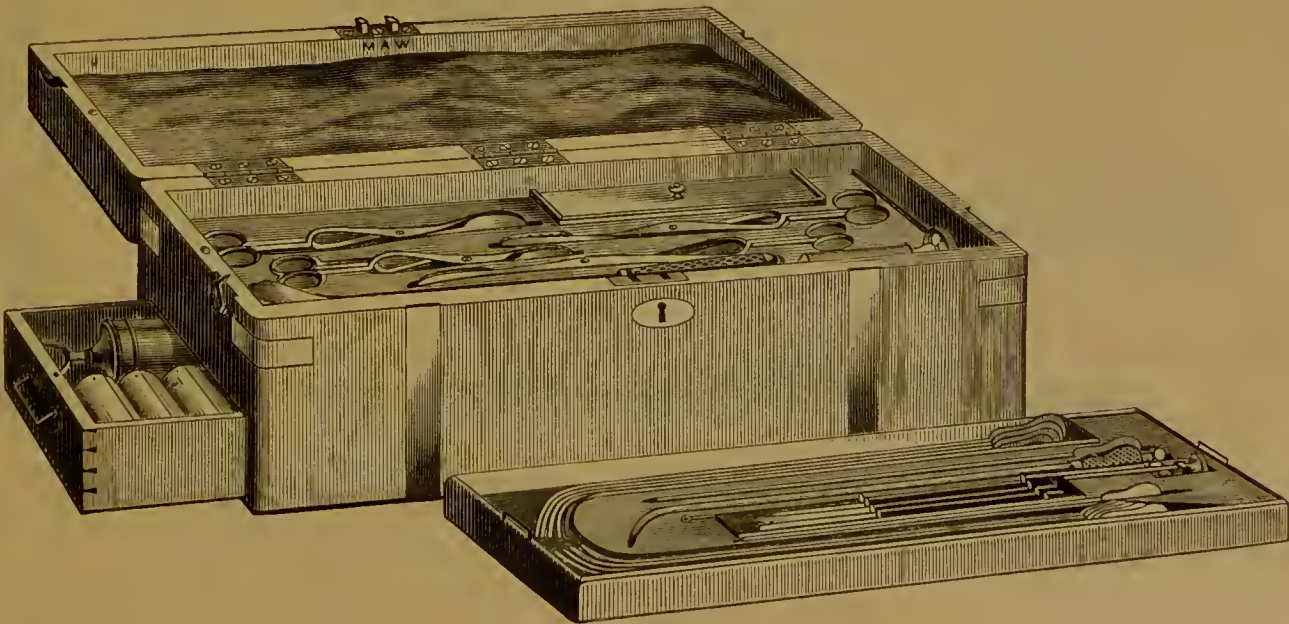
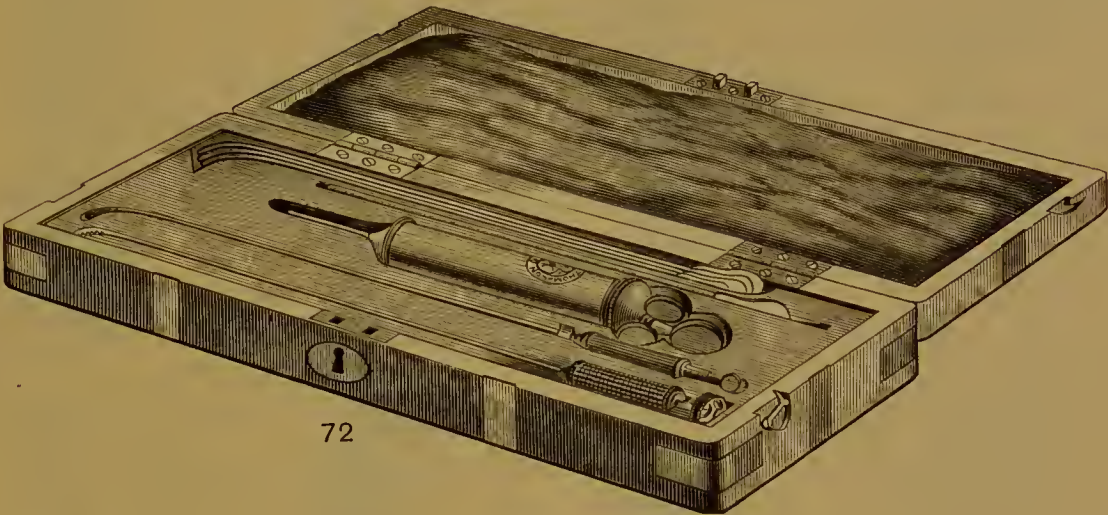
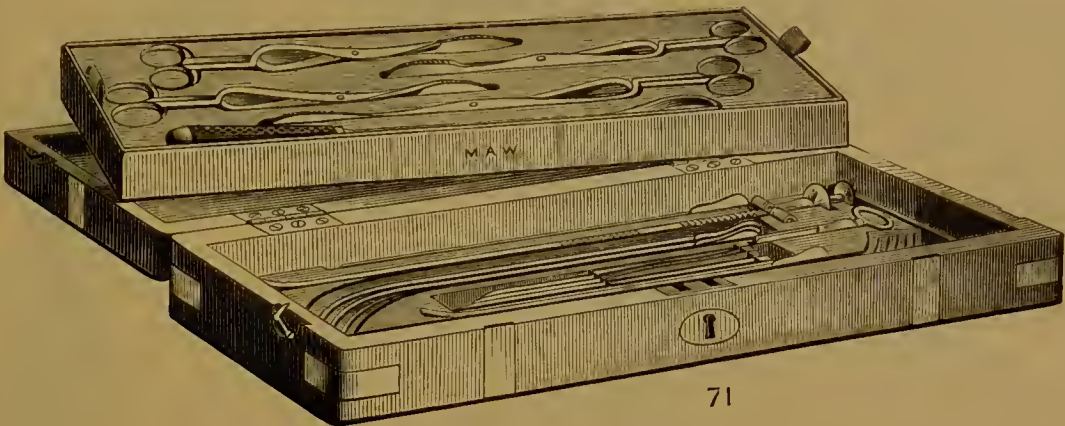
SCOOP.

SOUND, HOLLOW.

SOUNDS (Six).

STAFFS (Six).

SYRINGE AND CATHETER FOR INJECTING
AND WASHING THE BLADDER.TUBE, ELASTIC, FOR INSERTION AFTER
THE OPERATION OF LITHOTOMY.



STAFFS, ETC.

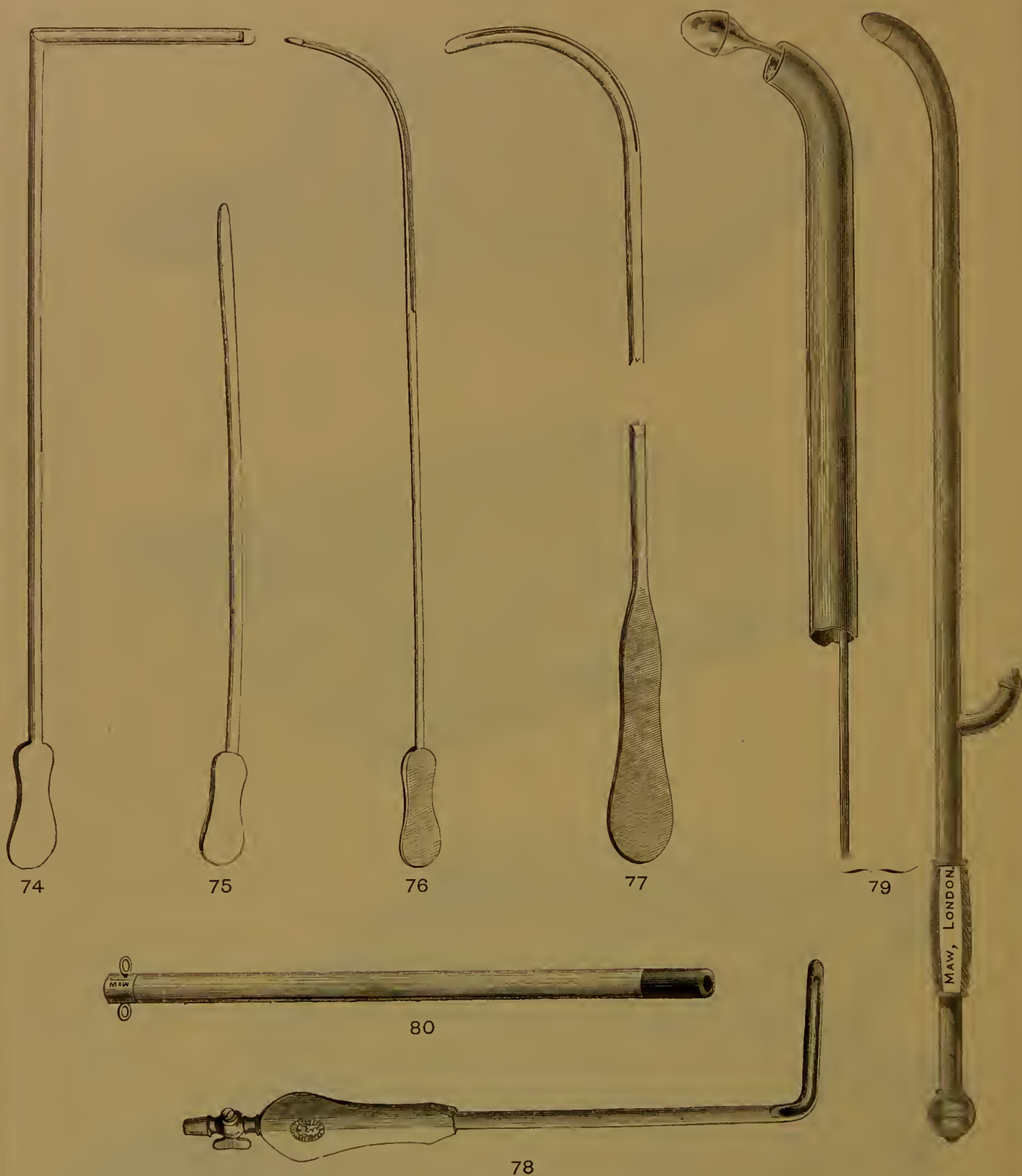


Fig. 74. BUCHANAN'S.

Fig. 75. FEMALE.

Fig. 76. GROOVED.

Fig. 77. GROOVED, Laterally.

Fig. 78. HUTCHINSON'S.

Fig. 79. POWER'S IMPROVED CANULA AND
STYLET, FOR THE EXTRACT-
TION OF FRAGMENTS OF SMALL
STONES FROM THE BLADDER.Fig. 80. TUBE FOR INSERTION AFTER THE
OPERATION OF LITHOTOMY.

LITHOTOMY CRUTCH, STRAPS, STONE CRUSHERS, ETC.

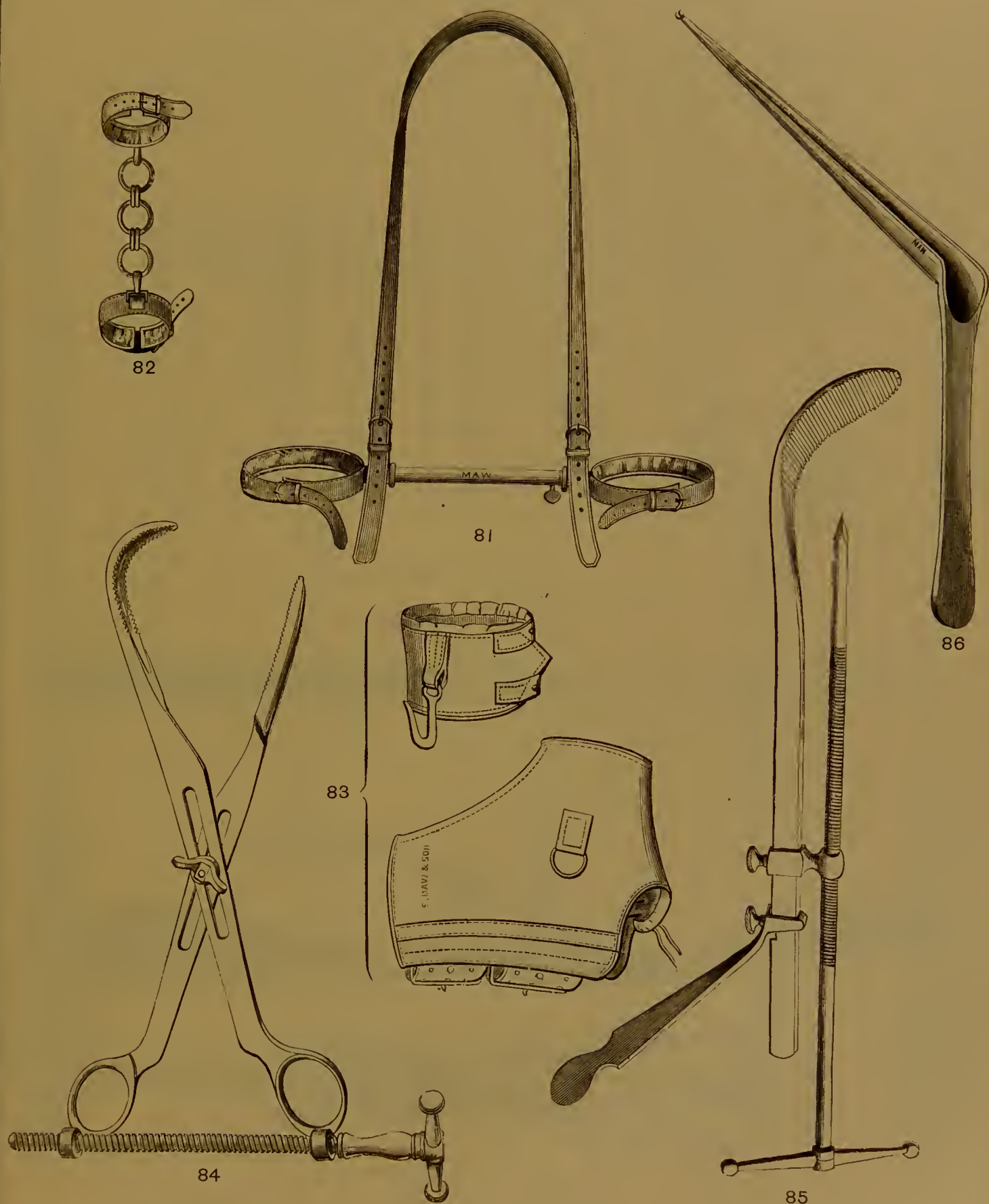


Fig. 81. CRUTCH, CLOVER'S.
Fig. 82. STRAPS, MASON'S.
Fig. 83. STRAPS, PRITCHARD'S.

Fig. 84. }
Fig. 85. } STONE CRUSHERS.
Fig. 86. TEALE'S GORGET.

LITHOTOMY KNIVES AND LITHOTOMES.

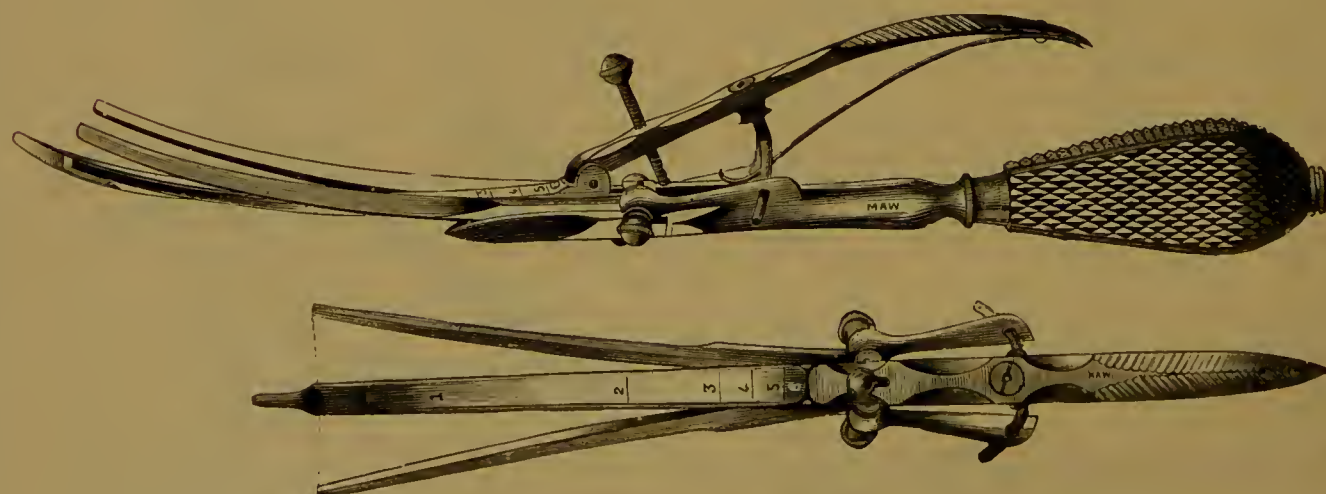
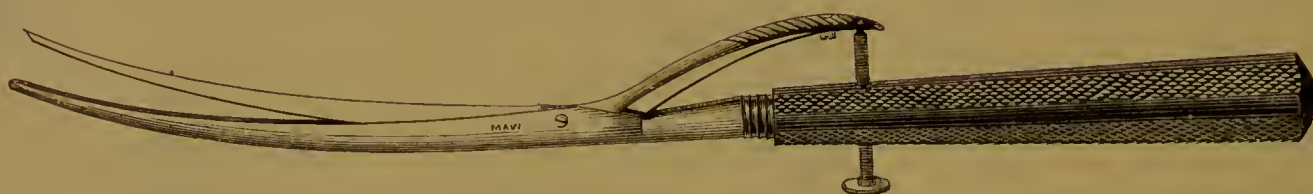
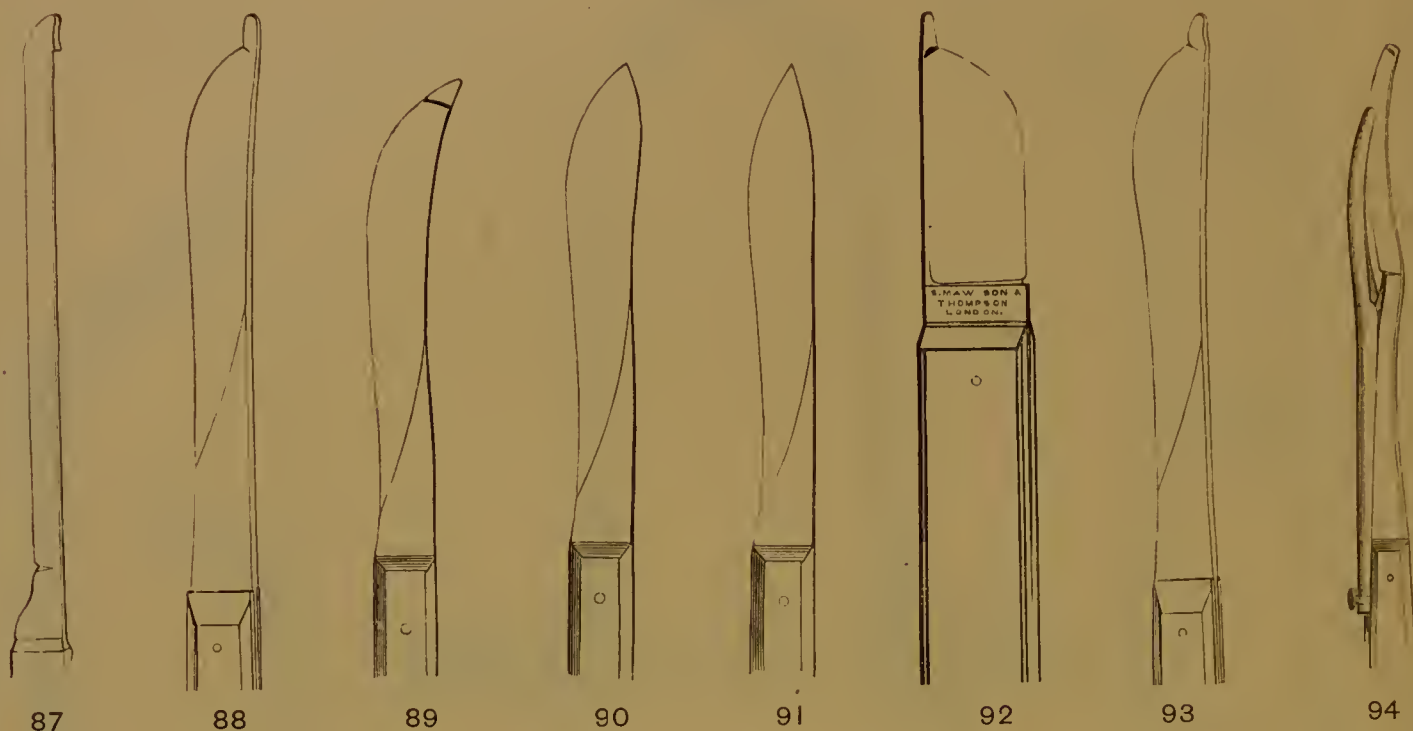
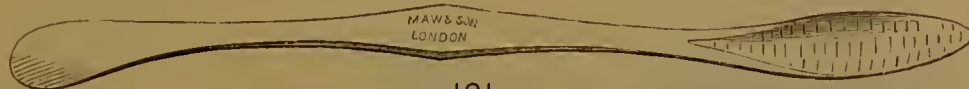


Fig. 87. BLIZARD'S.
 Fig. 88. BRODIE'S.
 Fig. 89. ERICHSEN'S.
 Fig. 90. FERGUSSON'S.

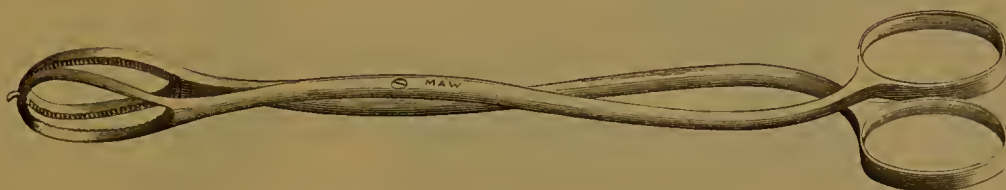
Fig. 91. LISTON'S.
 Fig. 92. TEEVAN'S.
 Fig. 93. THOMPSON'S.

Fig. 94. WEBBER'S.
 Fig. 95. LITHOTOME, CÔMES'.

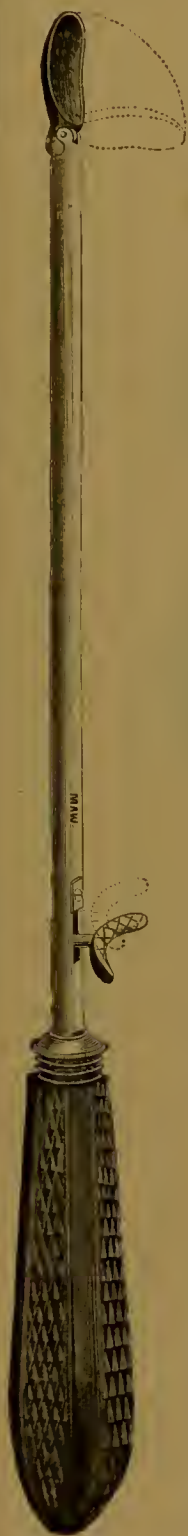
LITHOTOMY FORCEPS AND SCOOPS.



101



100



103



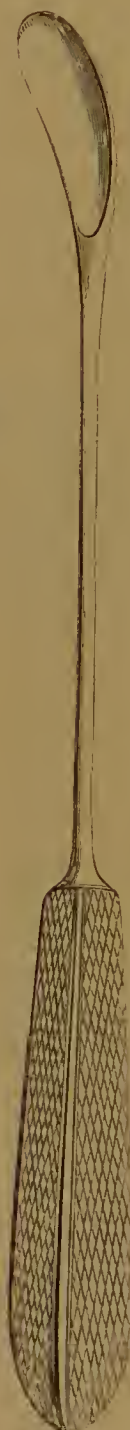
98



97



99



102

Fig. 97. FORCEPS, CURVED.

Fig. 98. FORCEPS, STRAIGHT.

Fig. 99. FORCEPS, TEEVAN'S.

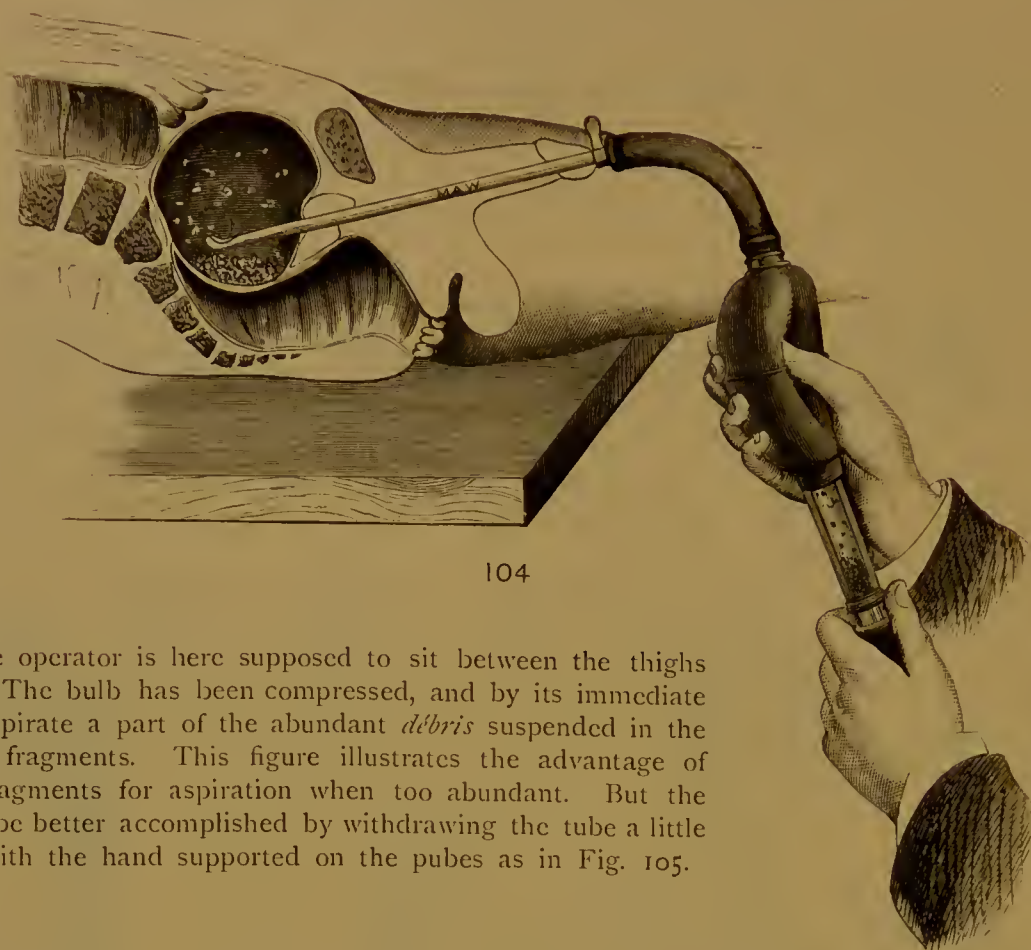
Fig. 100. FORCEPS, TEEVAN'S.
THE POINT FITS THE GROOVE
OF THE LITHOTOMY STAFF.

Fig. 101. SCOOP.

Fig. 102. SCOOP, ERICHSEN'S.

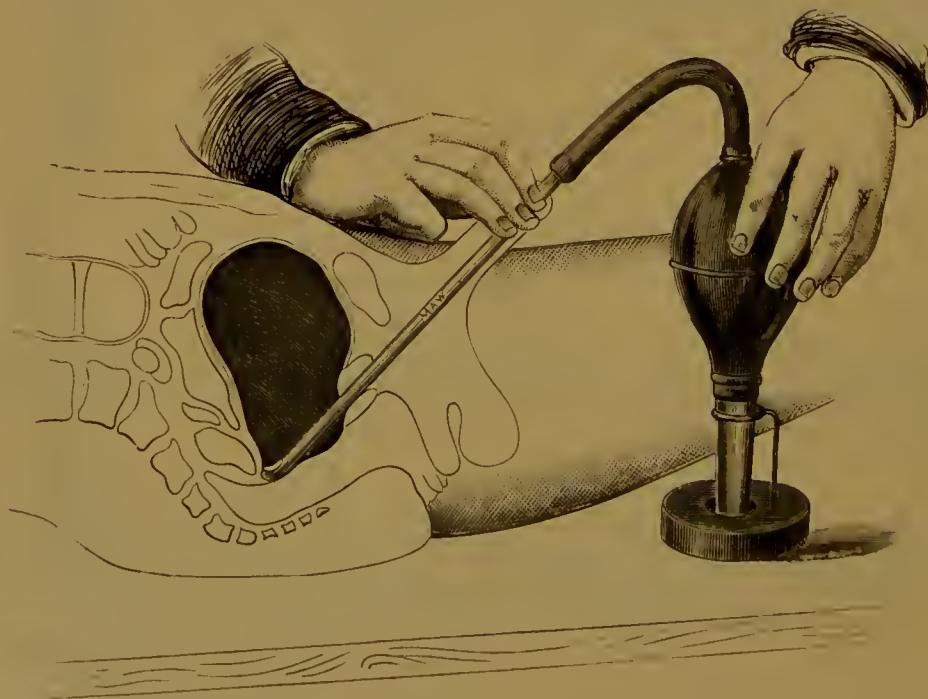
Fig. 103. SCOOP, REVOLVING END.

BIGELOW'S EVACUATION APPARATUS.



104

Fig. 104.—The operator is here supposed to sit between the thighs of the patient. The bulb has been compressed, and by its immediate expansion will aspirate a part of the abundant *débris* suspended in the fluid above the fragments. This figure illustrates the advantage of dispersing the fragments for aspiration when too abundant. But the same result can be better accomplished by withdrawing the tube a little from the floor with the hand supported on the pubes as in Fig. 105.

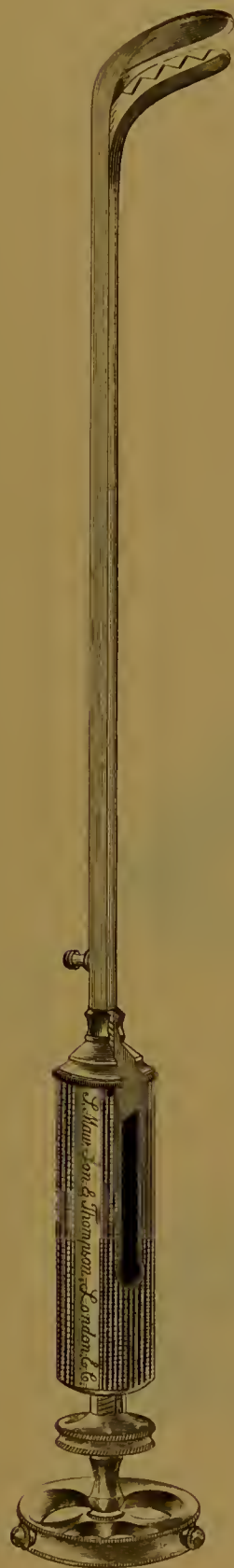


105

Fig. 105.—The Trap is here placed in a stand upon the table. The remaining fragments are few, and the capacious bladder is depressed to assemble them. The operator stands on the patient's left, and supports his right hand firmly upon the pubes. This position is, on the whole, the most advantageous.

HENRY J. BIGELOW, M.D., Professor of Surgery in Harvard University. "Litholopaxy," pp. 16 and 17.

BIGELOW'S INSTRUMENTS.



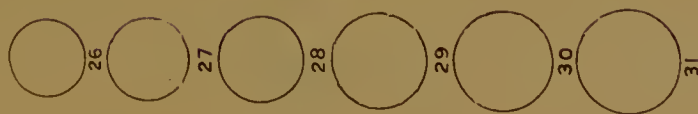
106



107



108



SIZES OF TUBES.

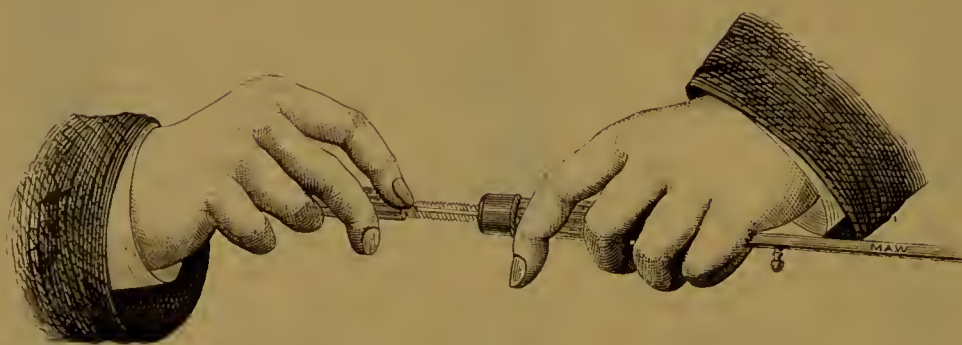
Fig. 106. LITHOTRITE.

Figs. 107, 108. TUBES FOR EVACUATION.

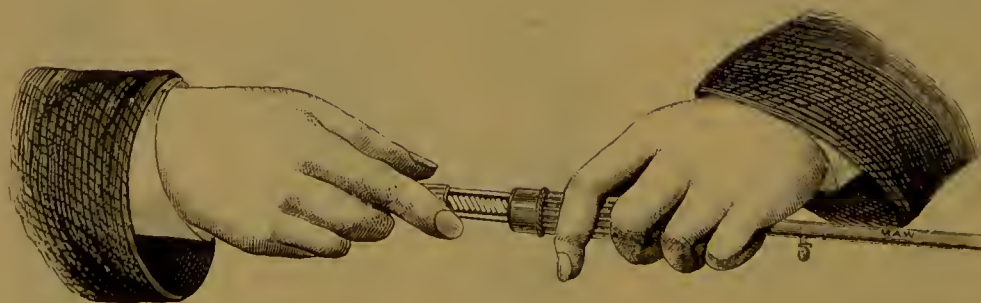
BIGELOW'S LITHOTRITE.



109



110



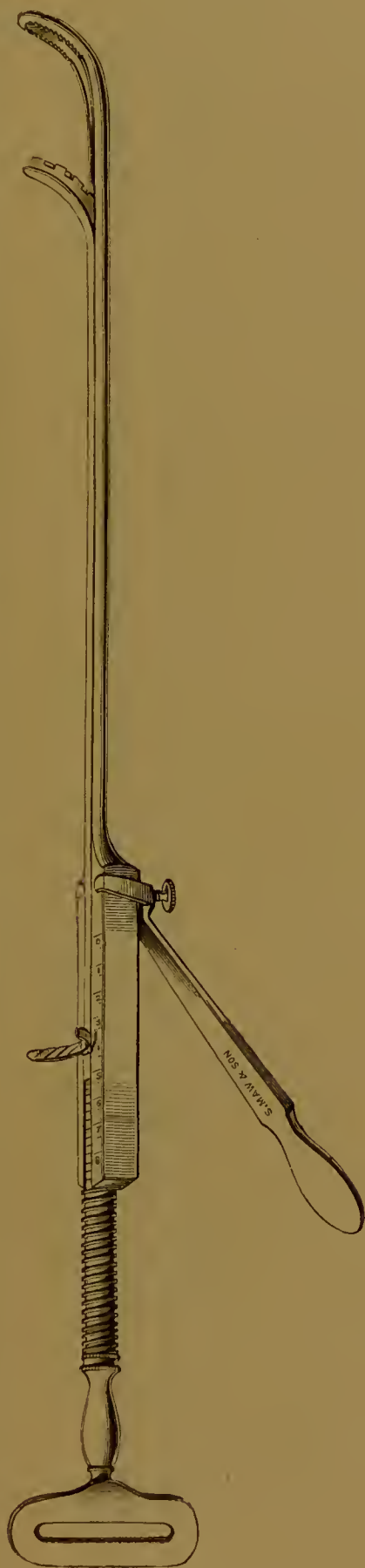
111

Fig. 109. MALE BLADE OF LITHOTRITE, PRESENTING ON ALTERNATE SIDES TRIANGULAR NOTCHES. The small portion of *débris* not discharged laterally by these notches, is driven through the slot in the female blade. *f.* SLOT IN FEMALE BLADE.

Fig. 110. LITHOTRITE UNLOCKED.

Fig. 111. LITHOTRITE LOCKED BY A QUARTER ROTATION OF THE RIGHT WRIST.

LITHOTRITES.



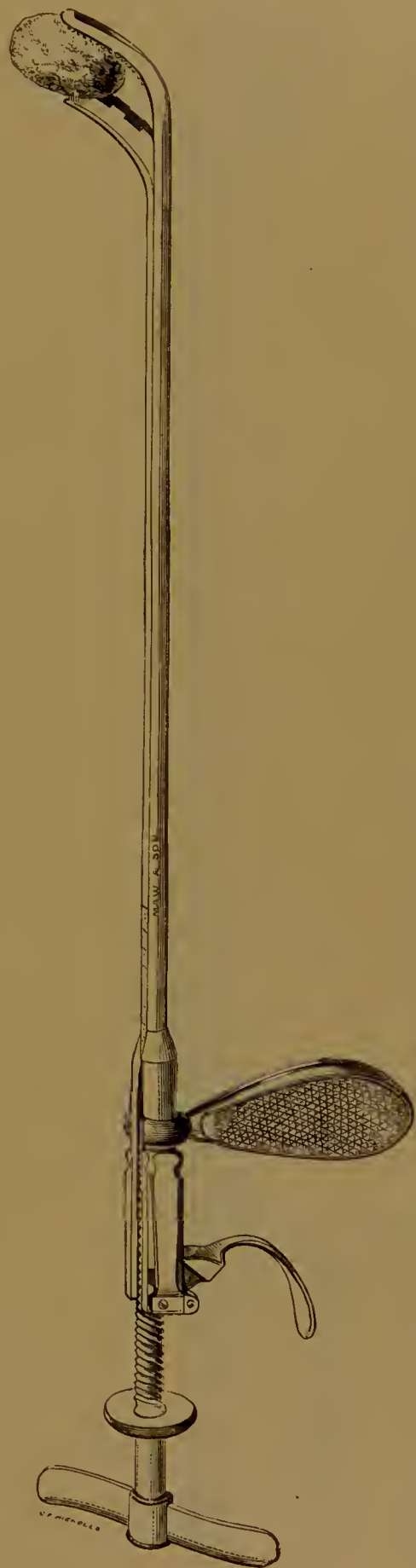
112

Fig. 112. BRODIE'S.



113

Fig. 113. CIVIALE'S.



114

Fig. 114. IMPROVED SPRING-ACTION.

LITHOTRITES (Continued).



Fig. 115. FERGUSSON'S.

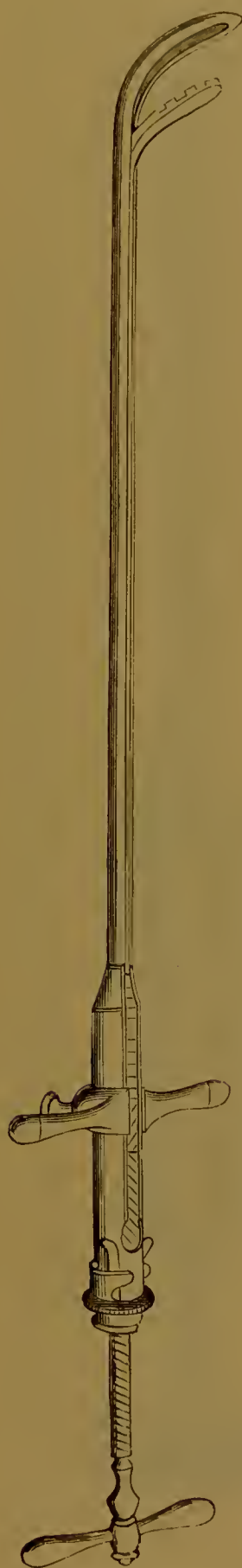
||

Fig. 116. FERGUSSON'S.

||

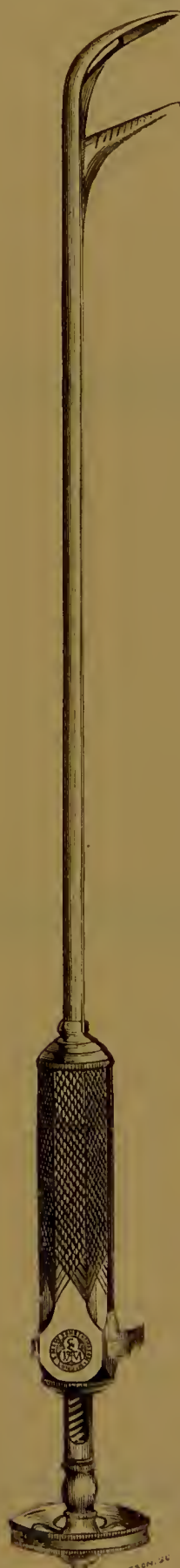
Fig. 117. IMPROVED.

LITHOTRITES (Continued).



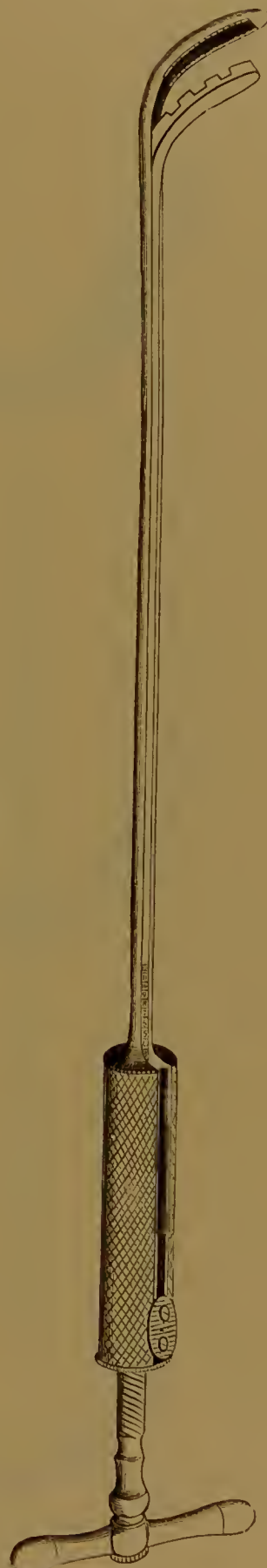
118

Fig. 118. SLIDE-ACTION.



119

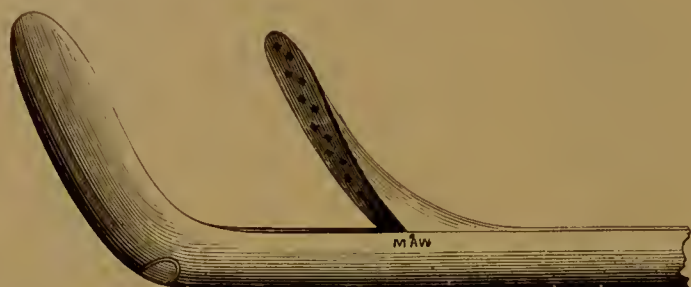
Fig. 119. TEEVAN'S.



120

Fig. 120. THOMPSON'S, WITH CROSS HANDLE.

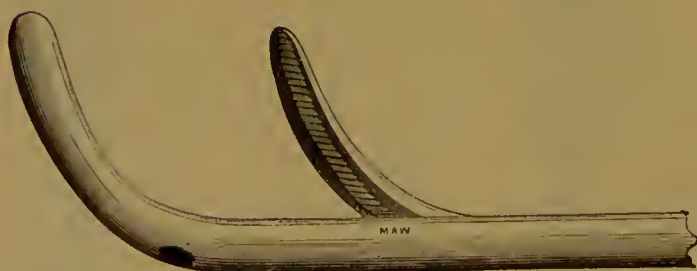
LITHOTRITES (Continued).



121



122



123



124

Figs. 121 to 124. THOMPSON'S IMPROVED.

TEEVAN'S INSTRUMENTS.



125



126

Fig. 125. CATHETER STAFF, WITH SLIDING TUBE FOR EXTERNAL URETHROTOMY.

Fig. 126. FOR PERFORMING THE BOUTONNIÈRE OPERATION.

NAPIER'S INSTRUMENTS

(FOR THE EARLY DETECTION AND REMOVAL OF CALCULI).



Fig. 127. CALCULUS DETECTOR, STEEL, COATED WITH PURE LEAD.
 Fig. 128. CALCULUS EXTRACTOR.
 Fig. 129. INDIA-RUBBER RETENTIVE CATHETER.

Fig. 130. SILVER CANULA TO RECEIVE FIG. 128 OR 129.
 Fig. 131. TUBE BEING DRAWN INTO THE CANULA.

NAPIER'S INSTRUMENTS (*Continued*).

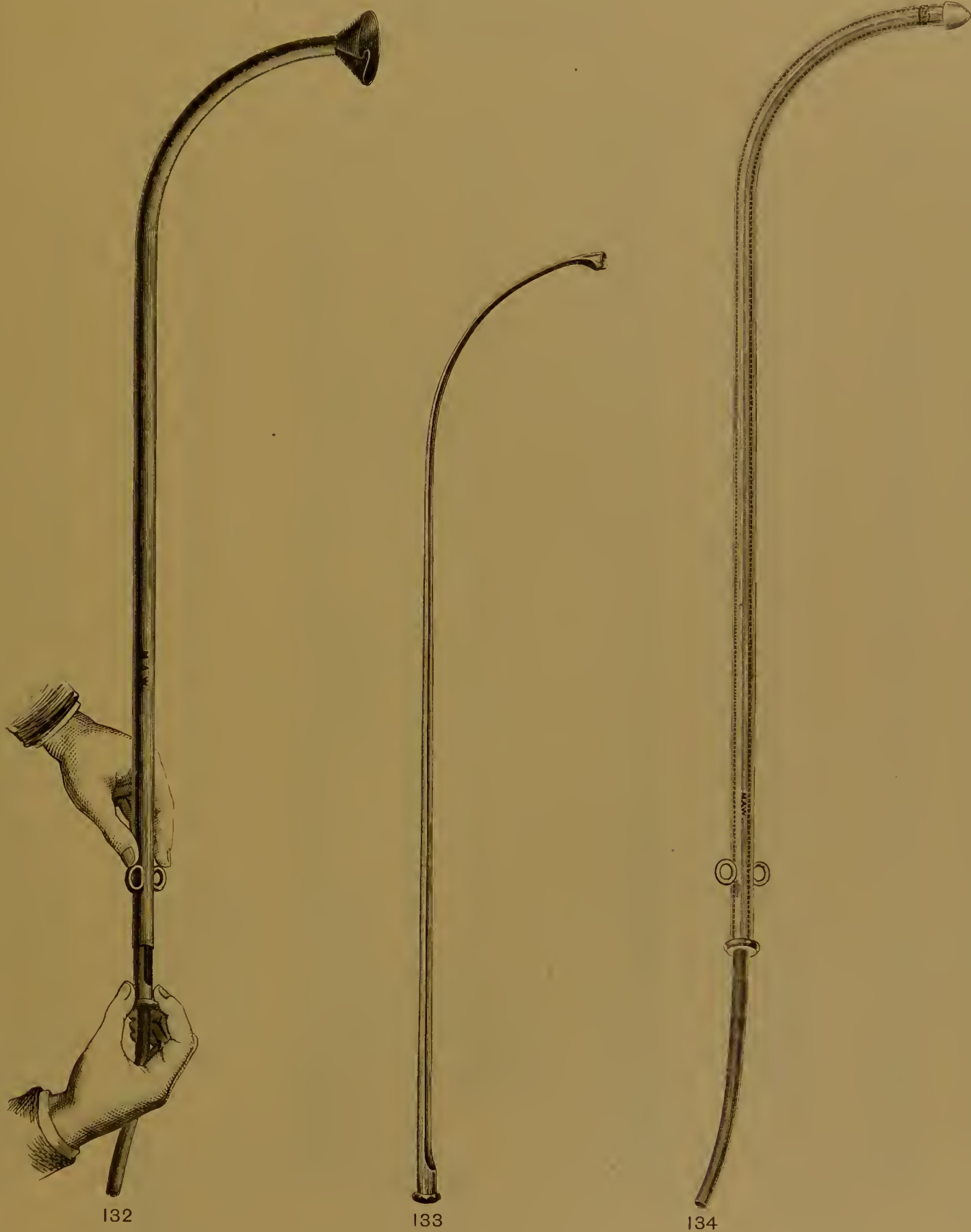


Fig. 132. RETENTIVE CATHETER BEING EXPELLED FROM THE CANULA INTO THE BLADDER.
 Fig. 133. STYLET, TO EMBRACE THE NECK.
 Fig. 134. INSTRUMENT READY FOR INTRODUCTION.

URETHROTOMES.

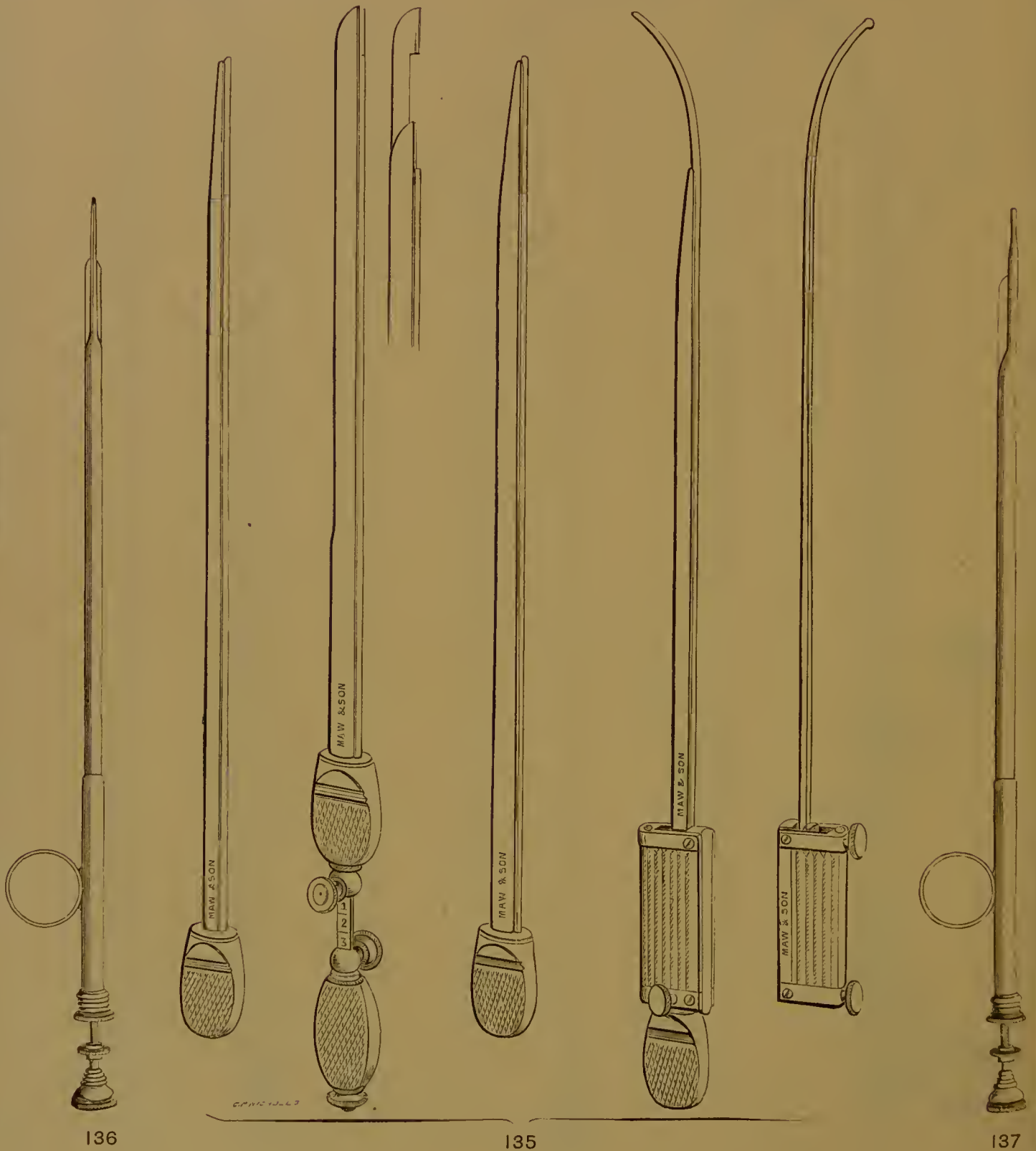


Fig. 135. RICHARDSON'S.

||

Fig. 136. DOUBLE BLADE.

||

Fig. 137. SINGLE BLADE.

URETHROTOMES, ETC. (*Continued*).

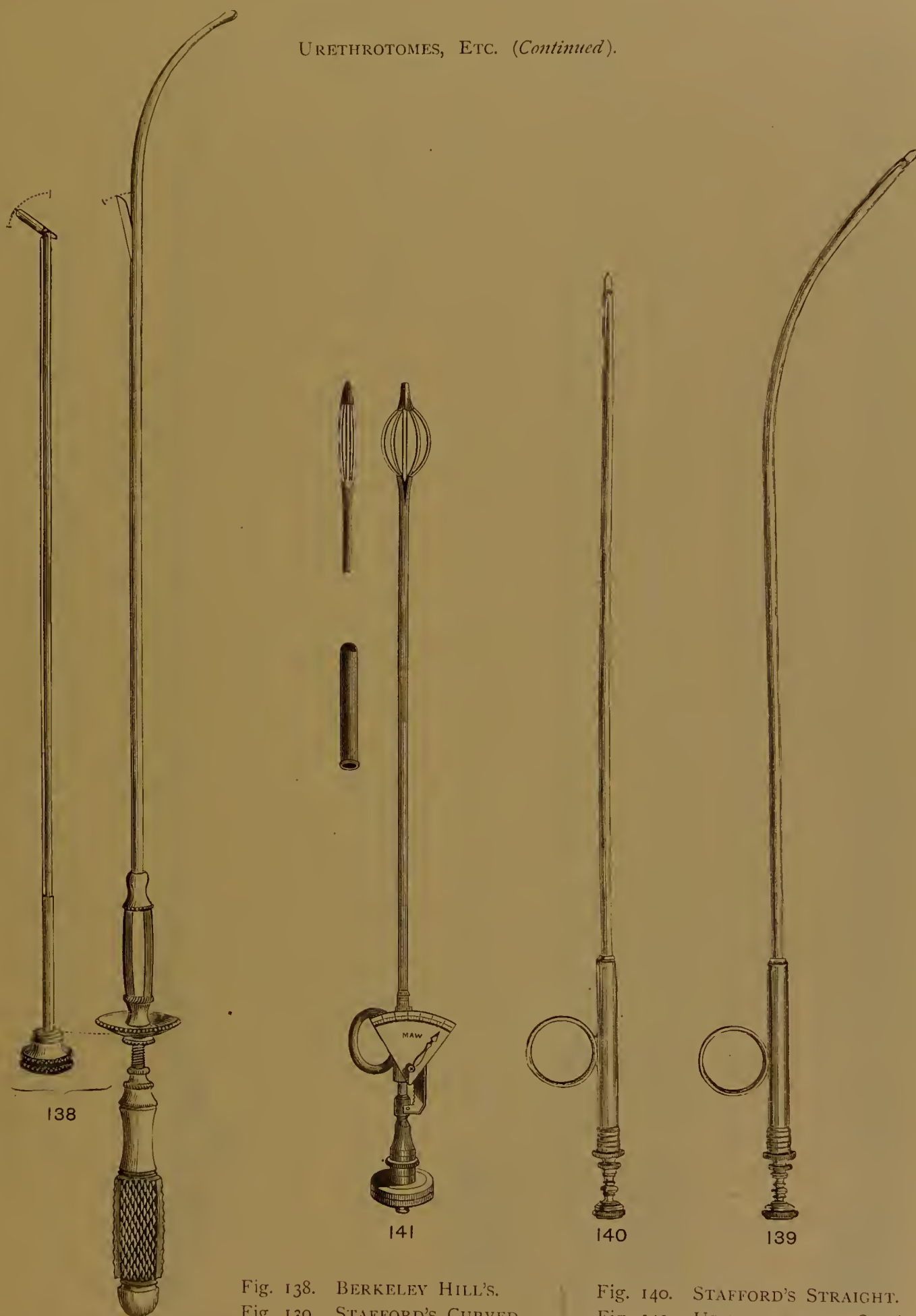


Fig. 138. BERKELEY HILL'S.
Fig. 139. STAFFORD'S CURVED.

Fig. 140. STAFFORD'S STRAIGHT.
Fig. 141. URETHROMETER, OTIS'.

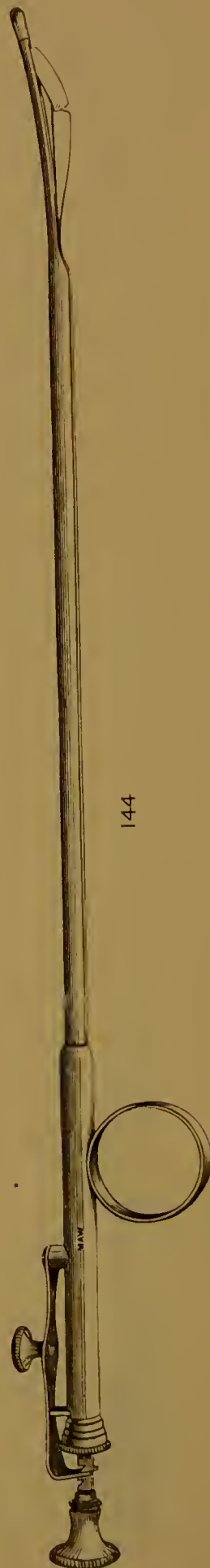
URETHROTOMES (Continued).



142



143



144

Fig. 142. CIVALE'S.

Fig. 143. MAISONNEUVE'S.

Fig. 144. TRELAT'S.

URETHROTOMES (Continued).

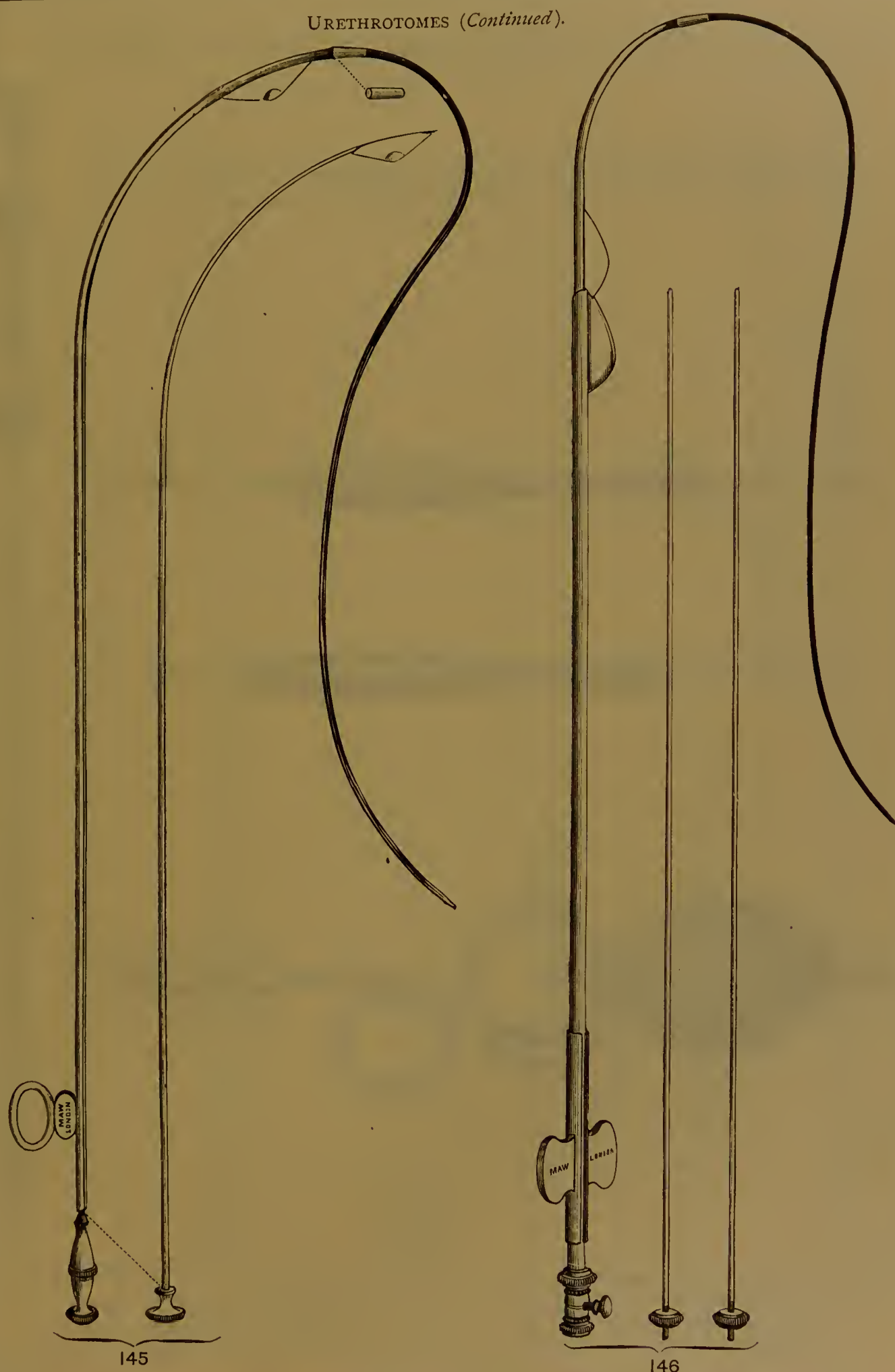


Fig. 145. MAISONNEUVE'S. || Fig. 146. TEEVAN-MAISONNEUVE'S.

GRADUATED BOUGIE, INSUFFLATER, TROCAR, AND SYRINGES.

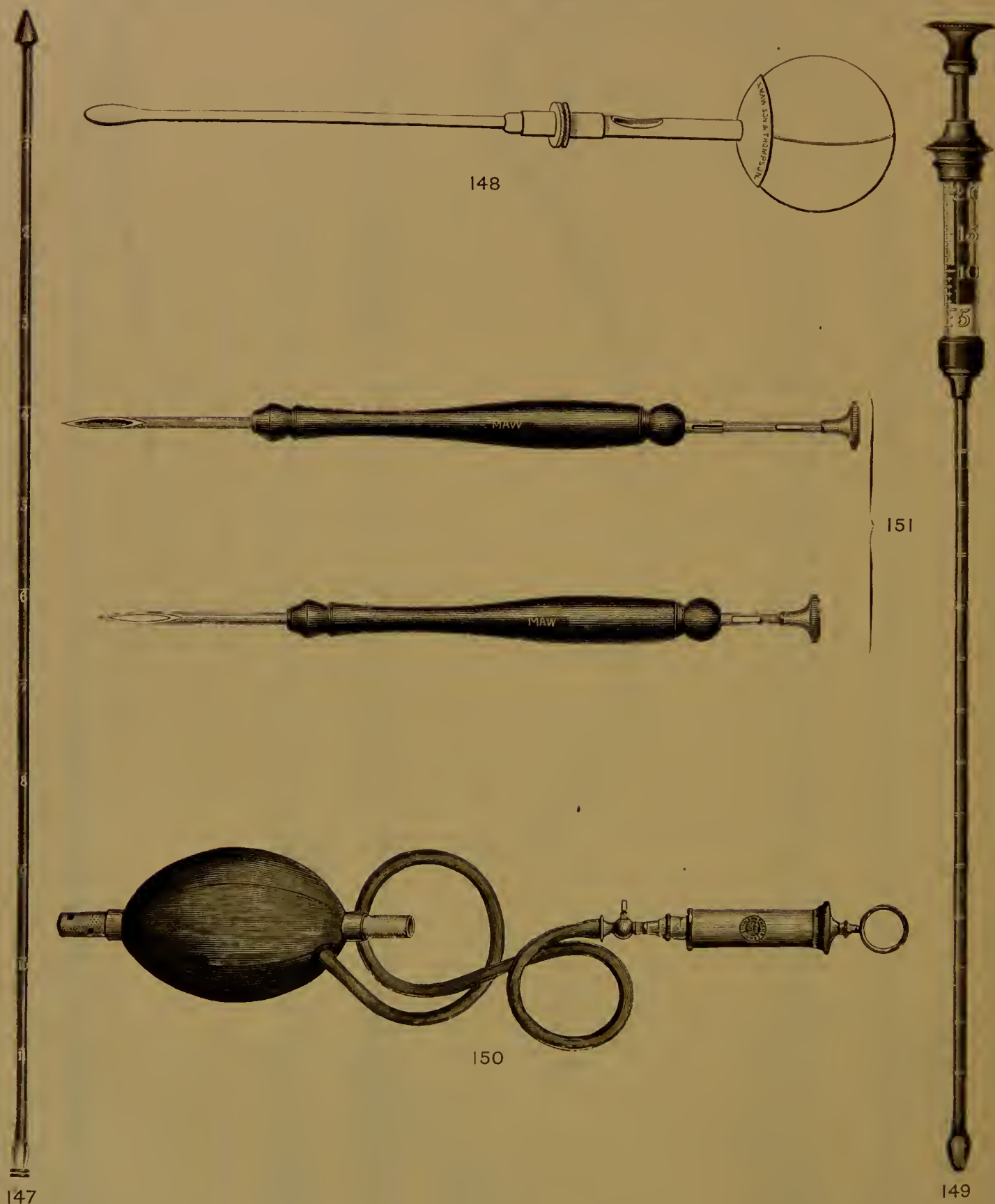


Fig. 147. BOUGIE, GRADUATED, TEEVAN'S.

Fig. 148. INSUFFLATER FOR THE APPLICATION OF MEDICATED POWDERS TO THE URETHRA.

Fig. 149. SYRINGE AND ELASTIC CANULA, GUYON'S.

Fig. 150. SYRINGE AND INFLATER.

Fig. 151. TROCAR, HYDROCELE.

FOR THE EXTRACTION. OF FOREIGN BODIES
FROM THE URETHRA.

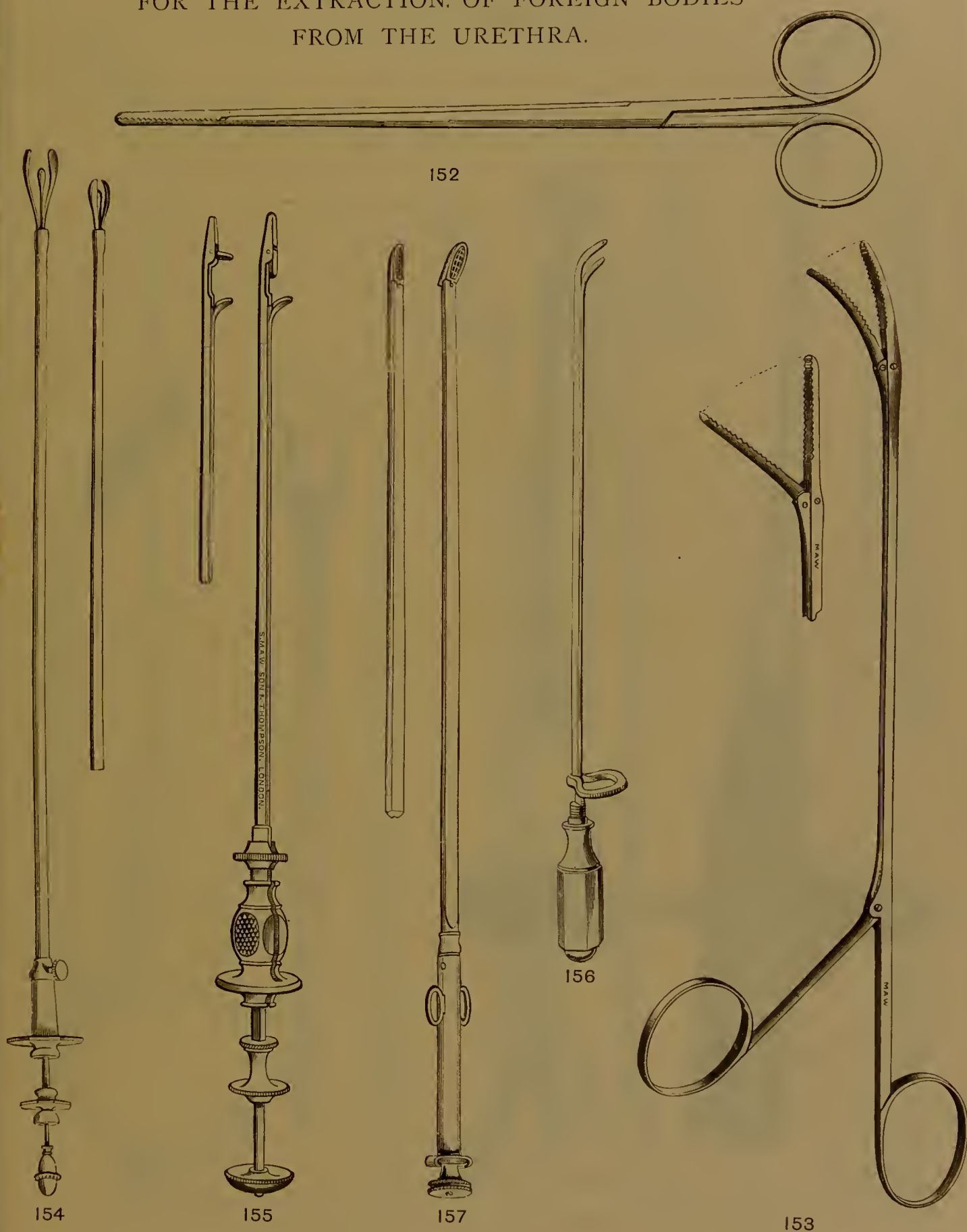


Fig. 152. FORCEPS, NARROW BLADES.

Fig. 153. FORCEPS, IMPROVED JOINT.

Fig. 154. SCOOP, WITH ROD.

Fig. 155. SCOOP, IMPROVED.

Fig. 156. SCOOP, FERGUSSON'S.

Fig. 157. SCOOP, LEROY D'ETIOLE'S.

ENDOSCOPE.

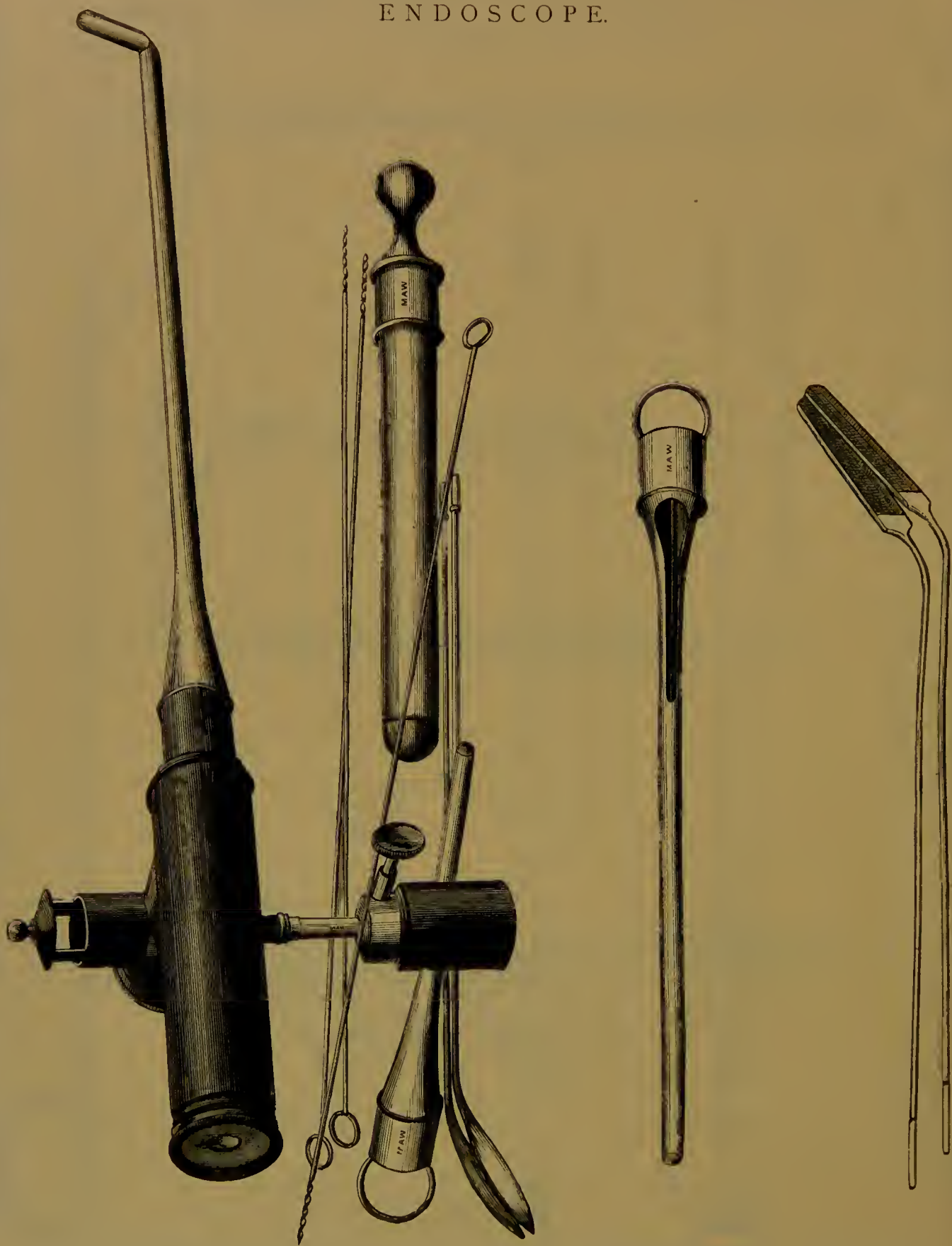


Fig. 158. COLIN'S, WITH CONDUCTORS, SPECULUMS, ETC.

ENDOSCOPE (Continued).



Fig. 159. WARWICK'S, WITH SPECULUMS, ETC.

SECTION IX.



RECTUM INSTRUMENTS.

CONTENTS OF SECTION IX.

BISTOURIES.

CAUTERIES.

CLAMPS.

DILATOR.

DIRECTORS.

FORCEPS FOR HÆMORRHOIDS.

HOOKS.

NEEDLES FOR HÆMORRHOIDS.

OINTMENT TUBE.

PROBES.

SCISSORS.

SINUS SYRINGE.

SPECULUMS.

SUPPOSITORY TUBE.

FOR FISTULA, HÆMORRHOIDS, ETC.

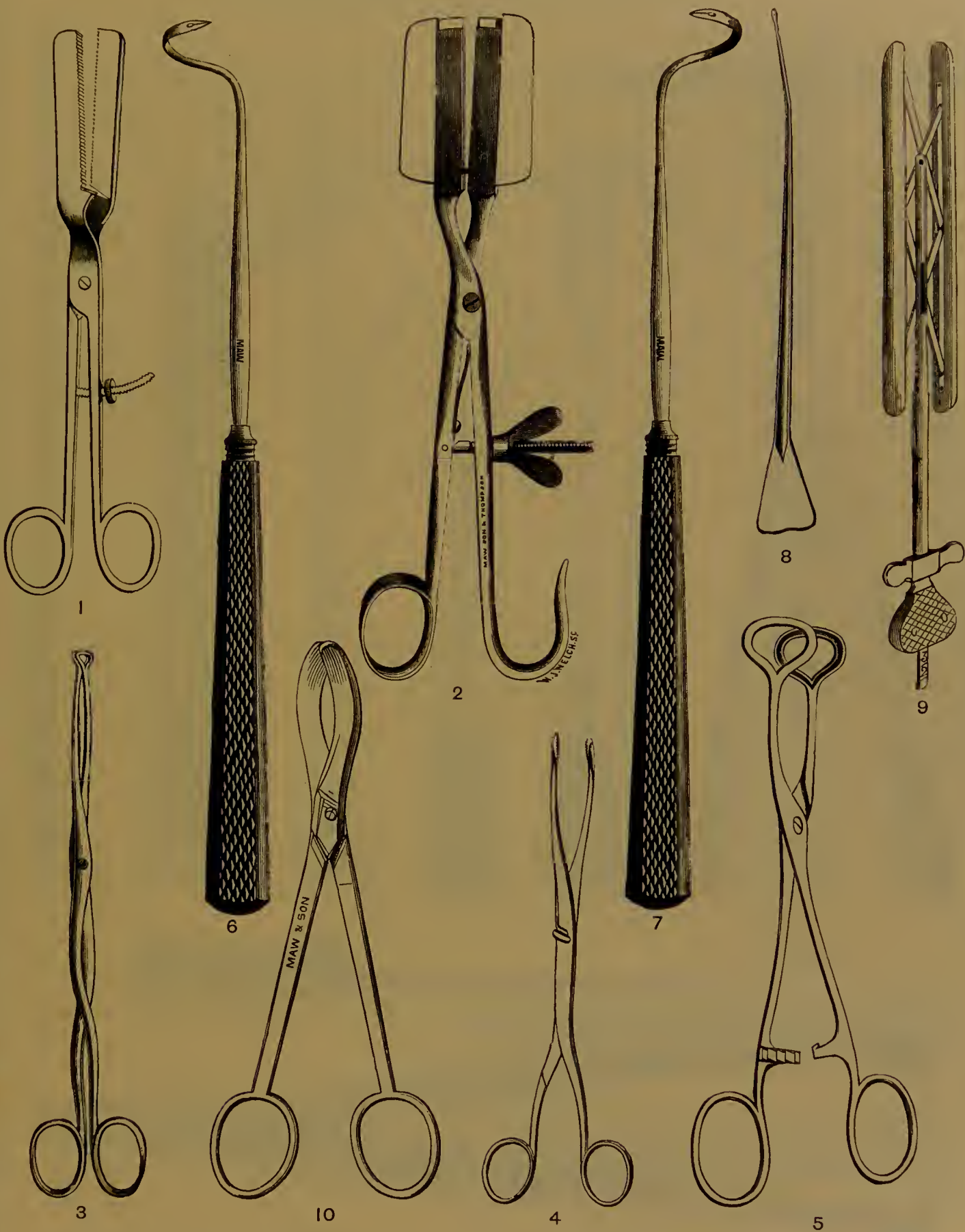


Fig. 1. } CLAMPS, H. SMITH'S.
Fig. 2. }
Fig. 3. }
Fig. 4. } FORCEPS, FENESTRATED.
Fig. 5. }

Fig. 6. } NEEDLES.
Fig. 7. }
Fig. 8. } PROBE DIRECTOR, BRODIE'S.
Fig. 9. } RECTUM DILATOR, TODD'S.
Fig. 10. } SCISSORS, CONCAVE BLADES.

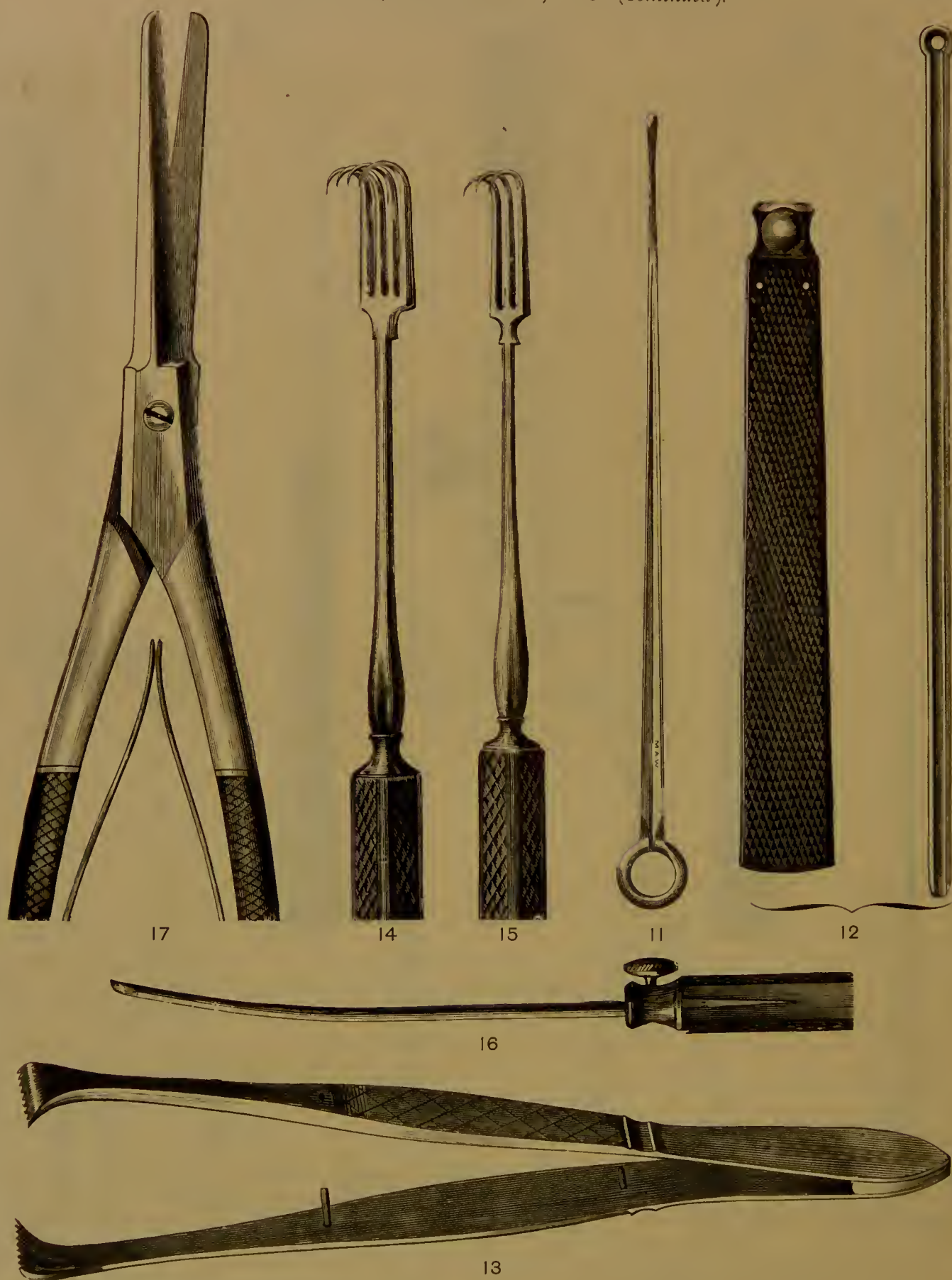
FOR FISTULA, HÆMORRHOIDS, ETC. (*Continued*).

Fig. 11. DIRECTOR, ALLINGHAM'S.

Fig. 12. DIRECTOR, GOWLLAND'S.

Fig. 13. FORCEPS.

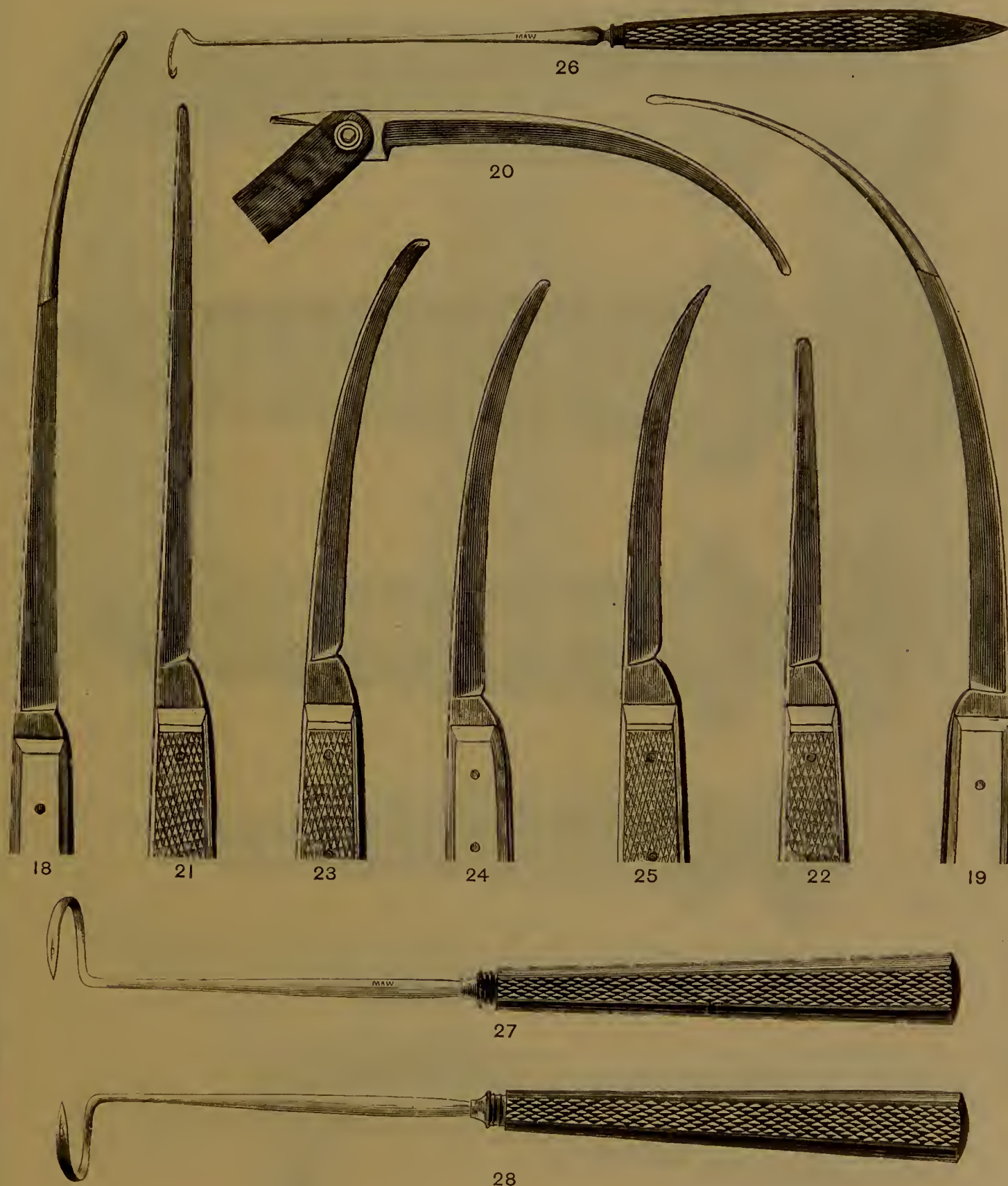
Fig. 14. } HOOKS, SALMON'S.

Fig. 15. }

Fig. 16. PROBE, GOWLLAND'S.

Fig. 17. SCISSORS, SALMON'S.

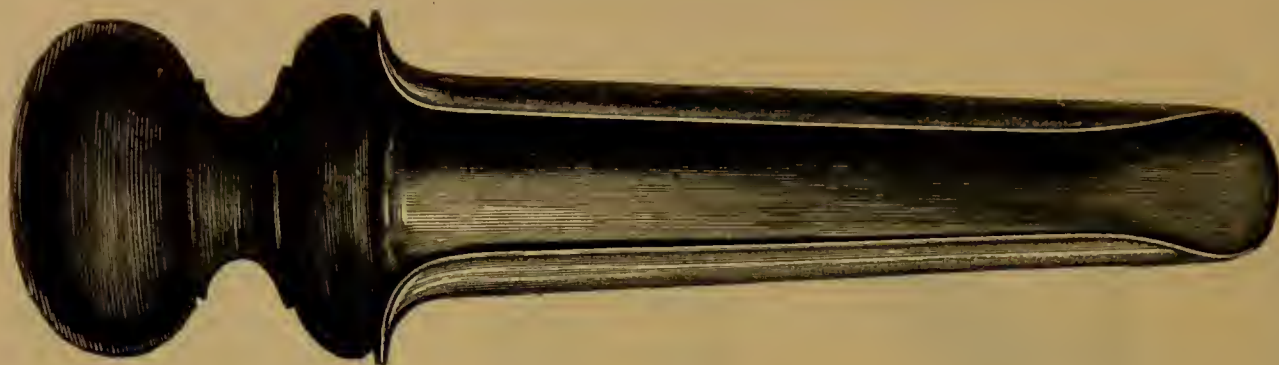
FOR FISTULA, HÆMORRHOIDS, ETC. (Continued).



Figs. 18 } BISTOURIES, BULB POINTS.
to 20. }
Figs. 21 } BISTOURIES, BLUNT POINTS.
to 24. }

Fig. 25. BISTOURY, SHARP POINT.
Fig. 26. HOOK, SHARP.
Fig. 27. NEEDLE, RIGHT.
Fig. 28. NEEDLE, LEFT.

SPECULUMS.



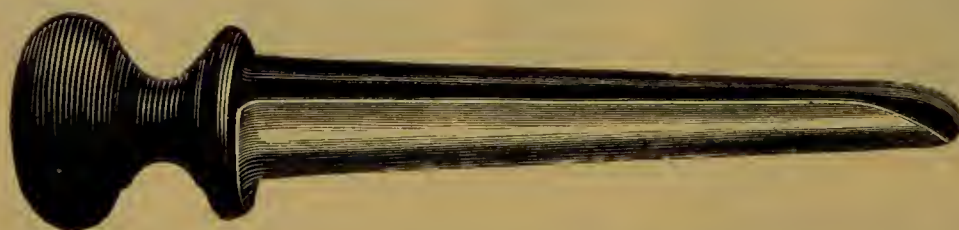
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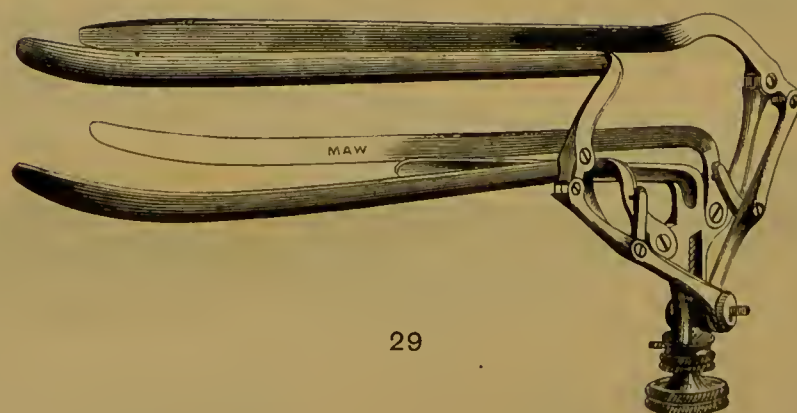
32



31



30



29

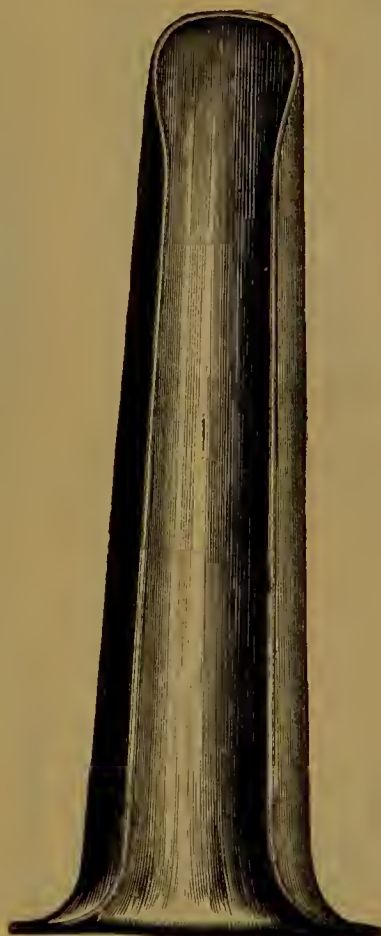
Fig. 29. ALLINGHAM'S.

Figs. 30 to 33. GOWLLAND'S.

SPECULUMS, SINUS SYRINGE, AND STEEL CAUTERIES.



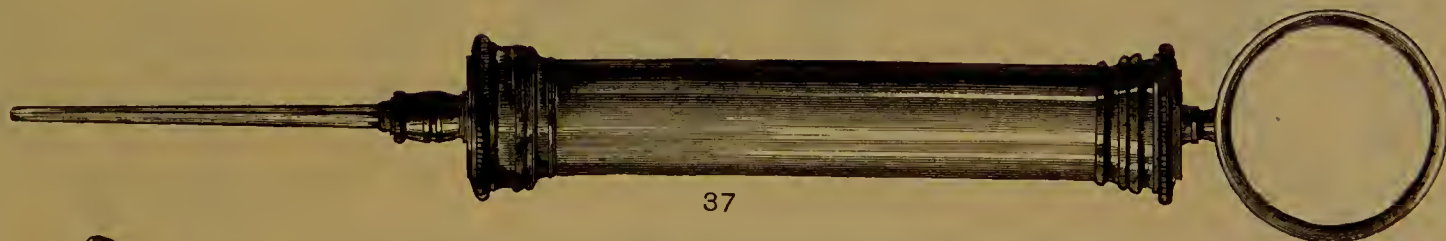
34



36



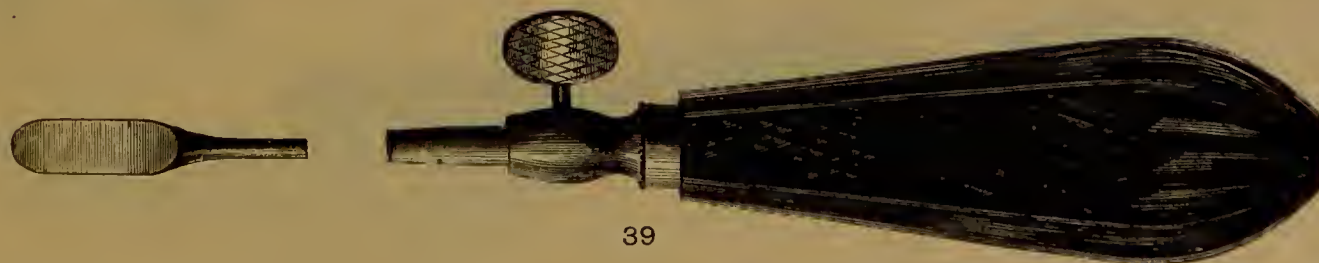
35



37



38



39

Fig. 34. SPECULUM, ELASTIC-GUM.

Fig. 35. SPECULUM, ELASTIC-GUM.

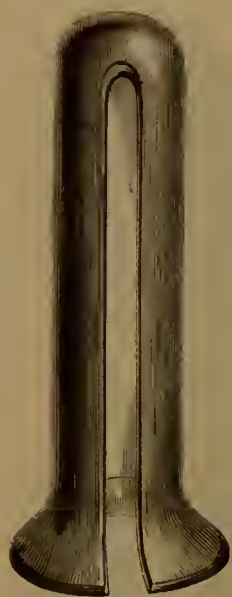
Fig. 36. SPECULUM, METAL, GOWLLAND'S.

Fig. 37. SINUS SYRINGE, GOWLLAND'S.

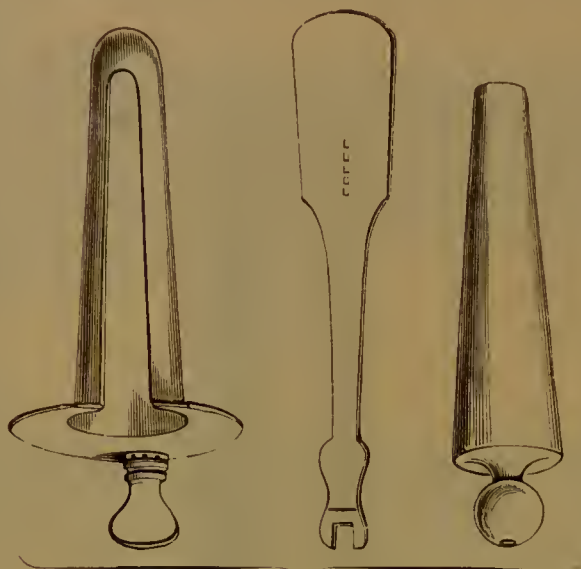
Fig. 38. } STEEL CAUTERIES, GOWLLAND'S.

Fig. 39. }

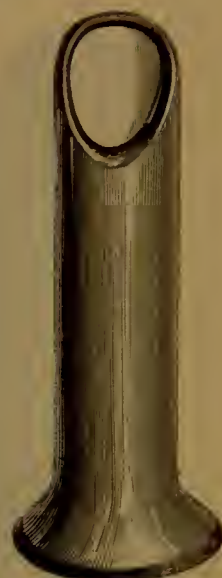
SPECULUMS, OINTMENT AND SUPPOSITORY TUBES.



41



40



42



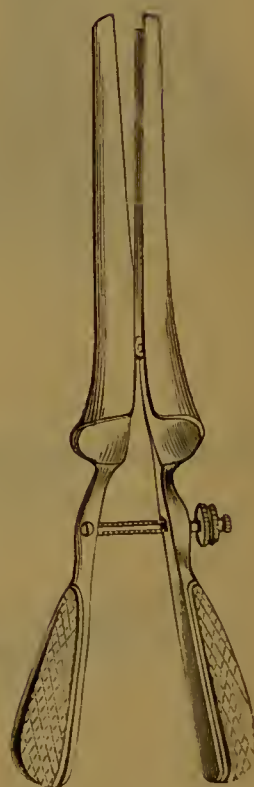
44



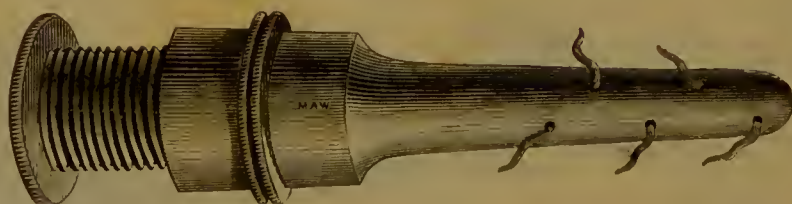
43



47



45



46

Fig. 40. CURLING'S.
 Fig. 41. } FERGUSON'S.
 Fig. 42. }
 Fig. 43. HILTON'S.

Fig. 44. LANE'S.
 Fig. 45. RICORD'S.
 Fig. 46. OINTMENT TUBE, ALLINGHAM'S.
 Fig. 47. SUPPOSITORY TUBE.

GOWLLAND'S CLAMPS.

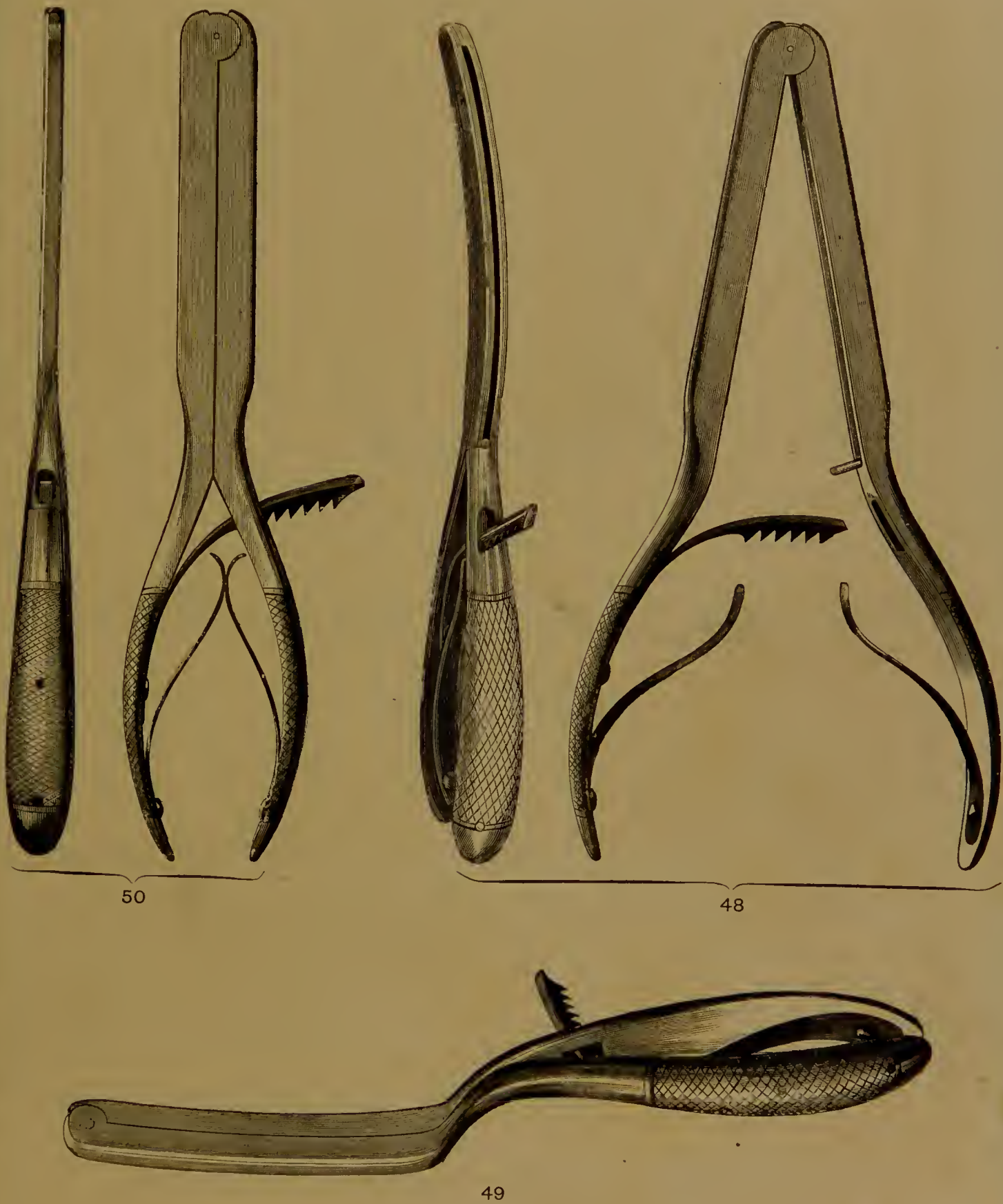


Fig. 48. CURVED, WITH FENESTRA. || Fig. 49. CURVED, PLAIN. || Fig. 50. STRAIGHT.



SECTION X.



INSTRUMENTS FOR OBSTETRIC AND UTERINE
OPERATIONS.

CONTENTS OF SECTION X.

CAUSTIC-HOLDERS.

CAUTERY IRONS.

CEPHALOMETER.

CEPHALOTRIBES.

CLAMPS FOR OVARIOTOMY.

CURETTES.

DECAPITATING HOOKS.

DEPRESSORS.

DILATING SOUNDS.

FILLET.

FINE AND BLUNT HOOKS.

FORCEPS, CRANIOTOMY.

FORCEPS, OBSTETRIC.

FORCEPS, OVUM.

FUNIS TUBE.

INSTRUMENTS FOR VESICO-
VAGINAL FISTULA AND
RUPTURED PERINEUM.

INSTRUMENTS FOR THE AP-
PLICATION OF CAUSTIC,
PESSARIES, POWDER AND
SOLUTIONS TO THE UTERUS.

INSTRUMENTS FOR DILATING
THE OS AND CERVIX
UTERI, ETC.

INSTRUMENTS FOR PUNC-
TURING AND SCARIFYING
THE UTERUS.

INSTRUMENTS FOR THE RE-
MOVAL OF POLYPUS AND
TUMOURS.

METROTOMES FOR INCISING
THE OS AND CERVIX
UTERI.

NEEDLE-HOLDERS.

OBSTETRIC BAGS AND
CASES.

OBSTETRIC POCKET CASES.

PELVIMETERS.

PERFORATORS.

PESSARIES.

SCISSORS FOR INCISING THE
OS AND CERVIX UTERI.

SOUNDS FOR DIAGNOSIS.

SPECULUMS FOR DIAGNOSIS.

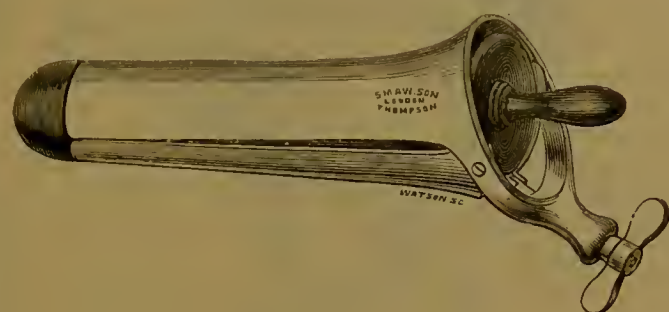
TENT CARRIERS.

TRACTORS.

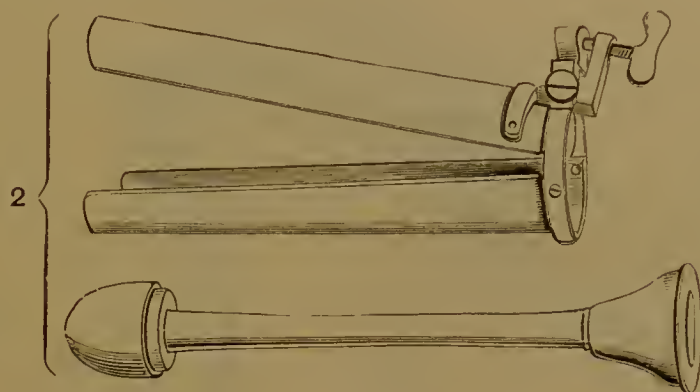
TROCARS FOR OVARIAN
CYSTS.

UTERUS SCRAPER.

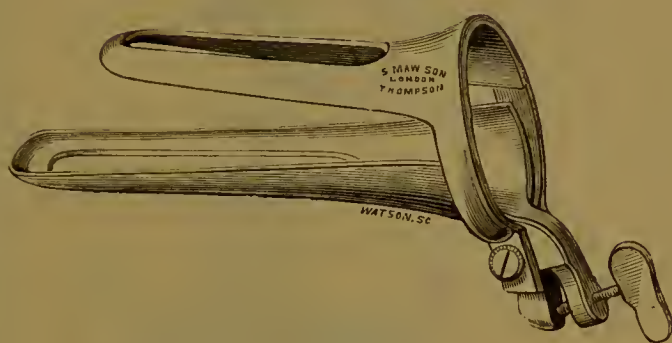
SPECULUMS FOR DIAGNOSIS.



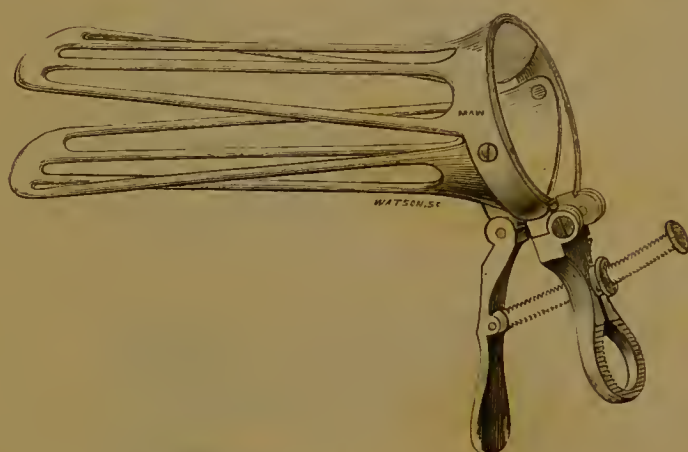
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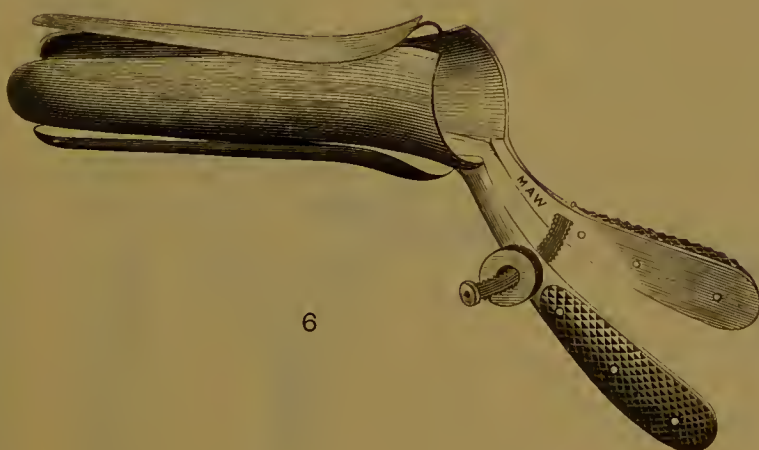
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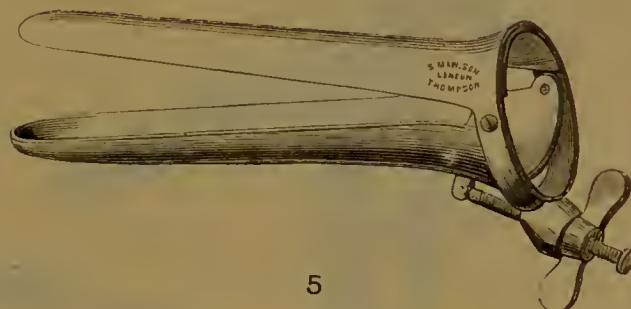
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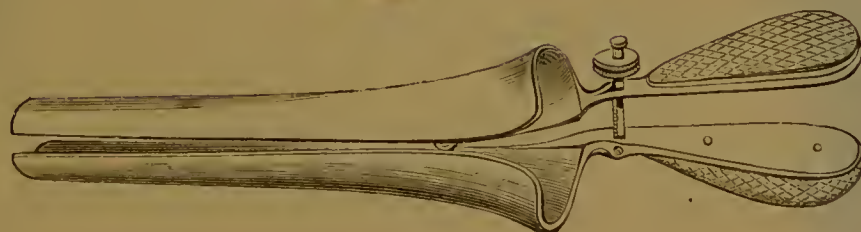
4



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5



7

Fig. 1. BARNES'.
Fig. 2. BENNETT'S.
Fig. 3. CUSCO'S.
Fig. 4. FENESTRATED.

Fig. 5. HEWITT'S.
Fig. 6. RICORD'S, FOUR BLADES.
Fig. 7. RICORD'S, TWO BLADES.

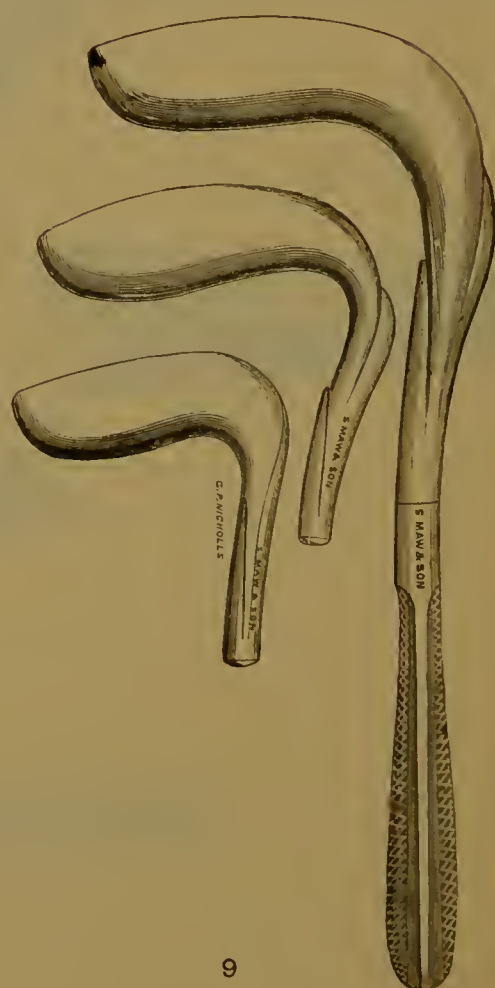
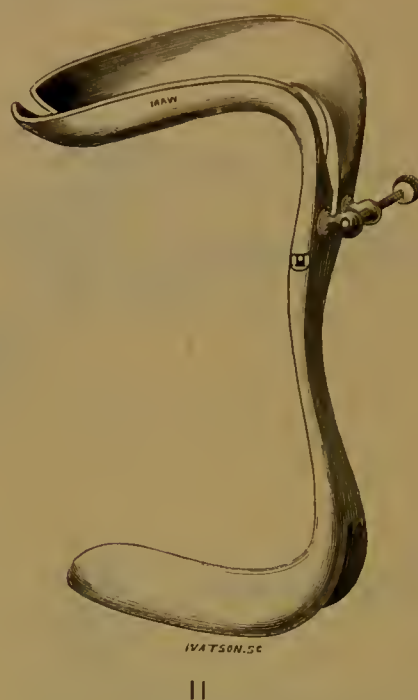
SPECULUMS FOR DIAGNOSIS (*Continued*).

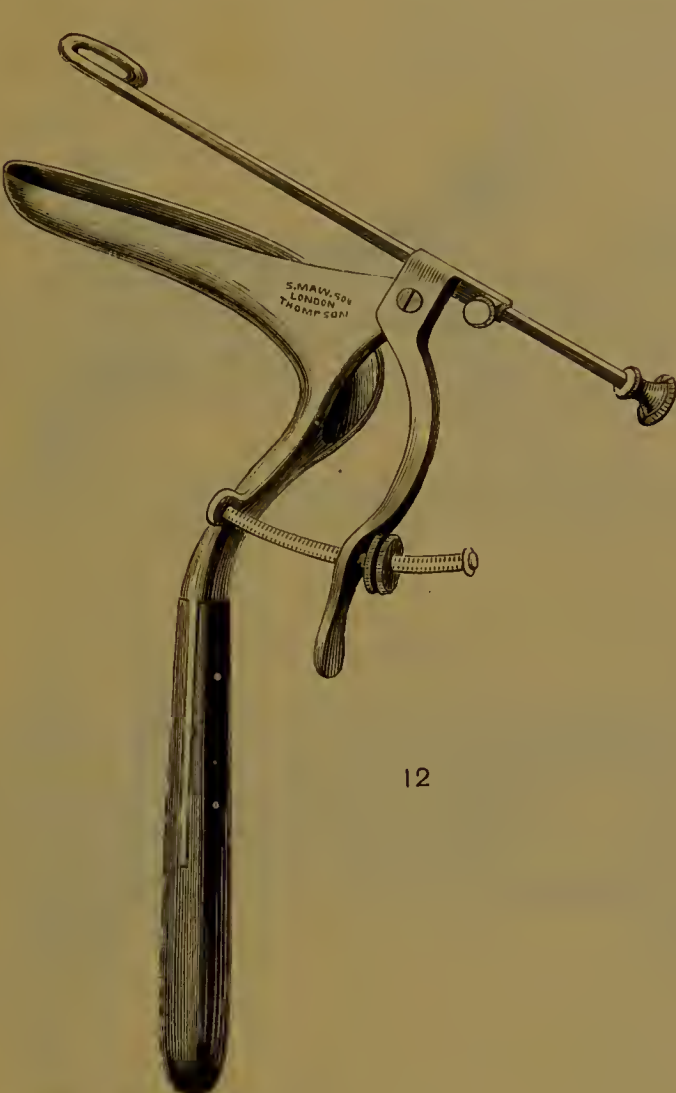
Fig. 8. SIMS'.

Fig. 9. SIMS' (Three fit one Socket-handle).

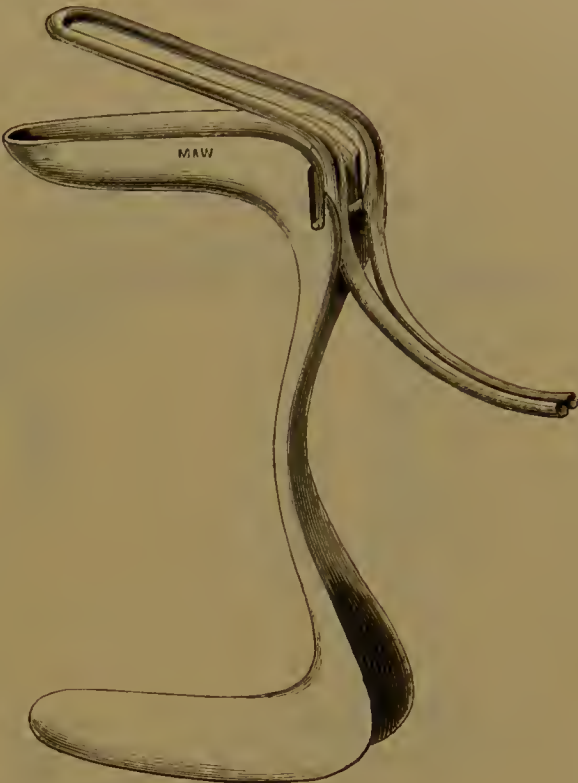
Fig. 10. SIMS', with THOMAS' MODIFICATION.

Fig. 11. SIMS', with DILATING BLADE.

SPECULUMS FOR DIAGNOSIS (Continued).



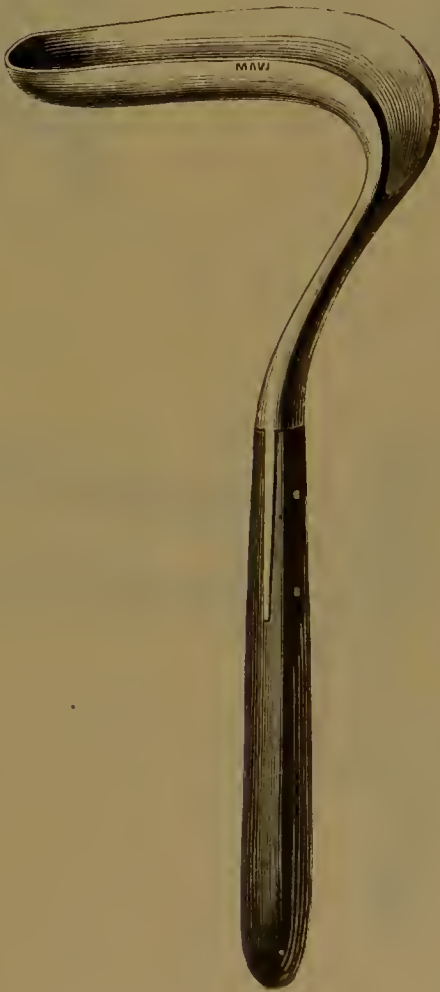
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13



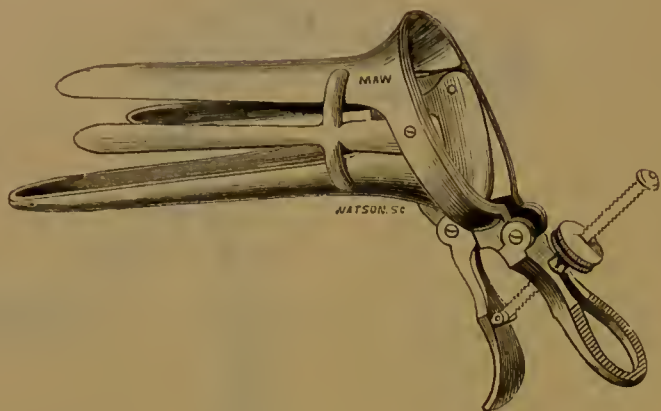
14



15

Fig. 12. } SIMS', WITH DEPRESSORS.
Fig. 13. }

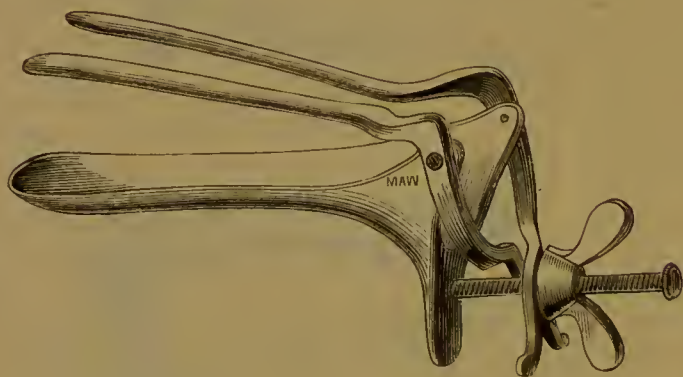
Fig. 14. SIMS', JOINTED.
Fig. 15. SIMS', WITH KRISTELLER'S MODIFICATION.

SPECULUMS FOR DIAGNOSIS (*Continued*).

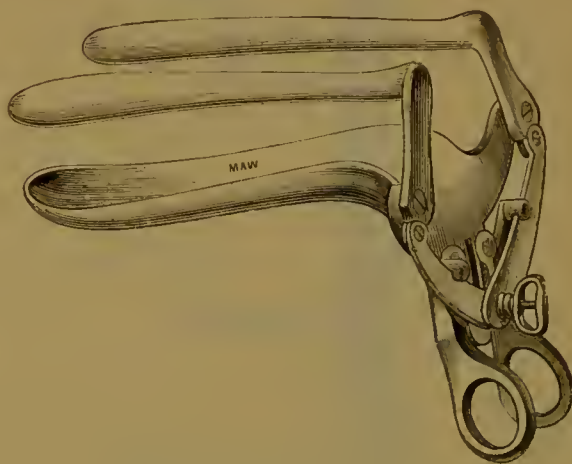
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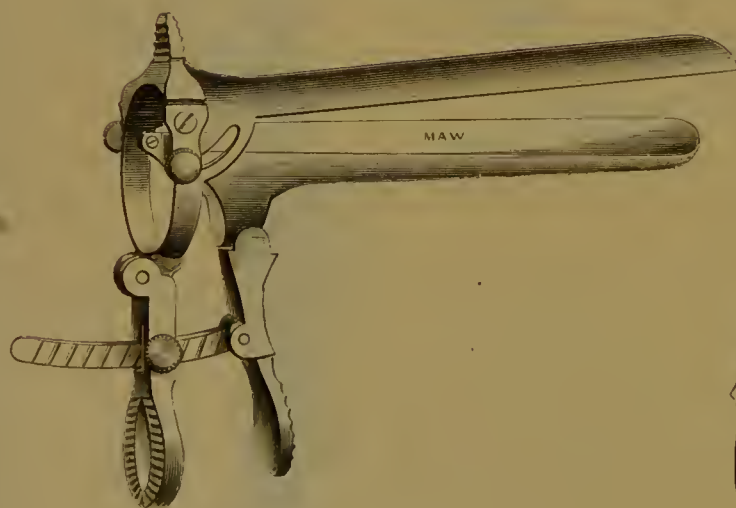
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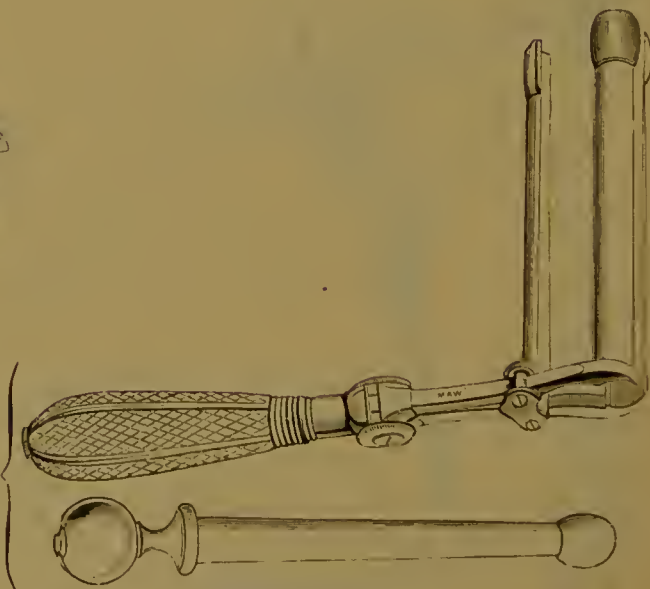
18



19



20



21

Fig. 16. MEADOWS'.

Fig. 17. NEUGEBAUER'S.

Fig. 18. NOTT'S.

Fig. 19. NOTT'S IMPROVED.

Fig. 20. SMITH'S IMPROVED.

Fig. 21. TRIVALVE.

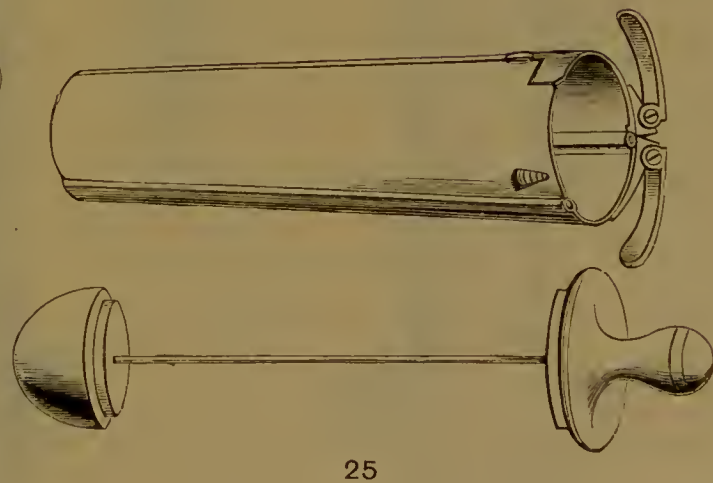
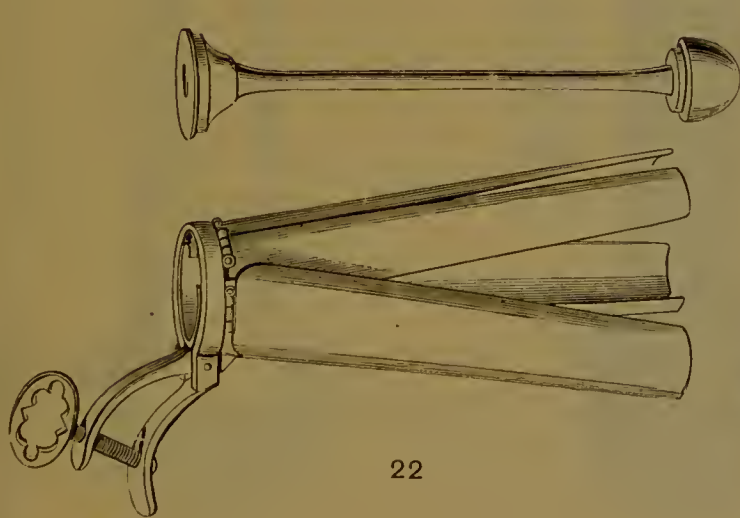
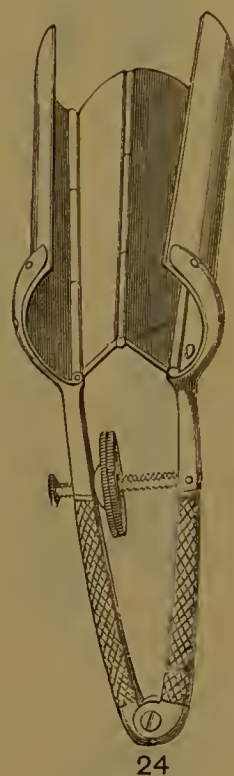
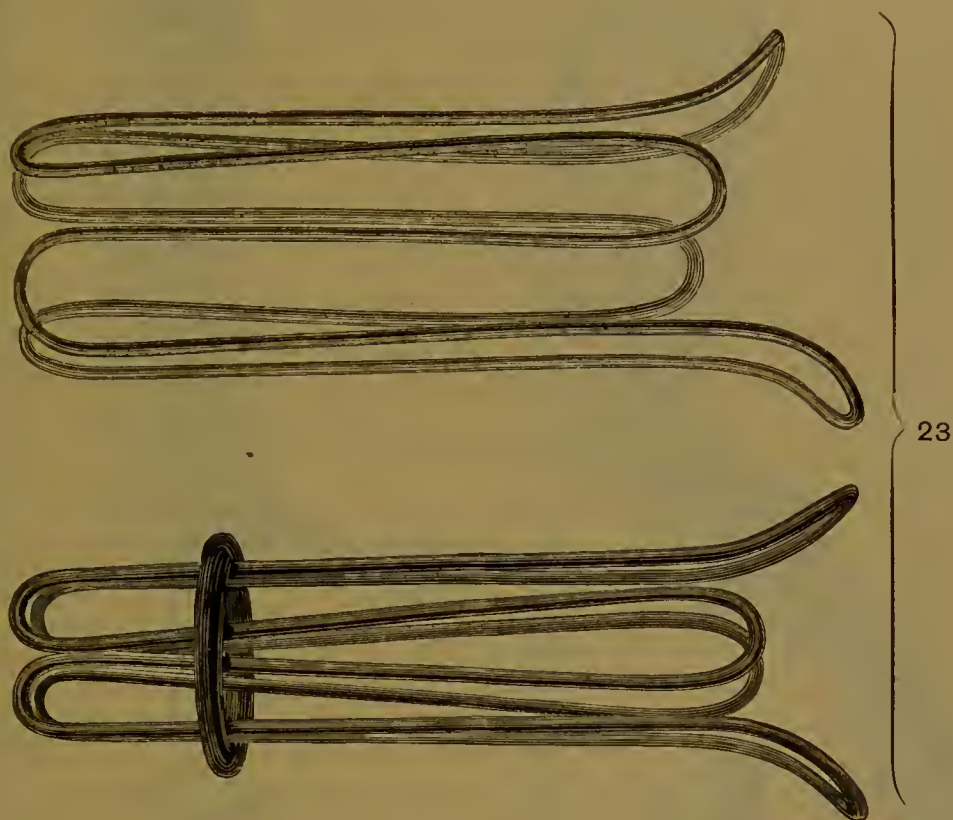
SPECULUMS FOR DIAGNOSIS (*Continued*).

Fig. 22. BENNETT'S, FOUR BLADES.

Fig. 23. BLACKBEE'S.

Fig. 24. HILLIARD'S.

Fig. 25. SIMPSON'S.

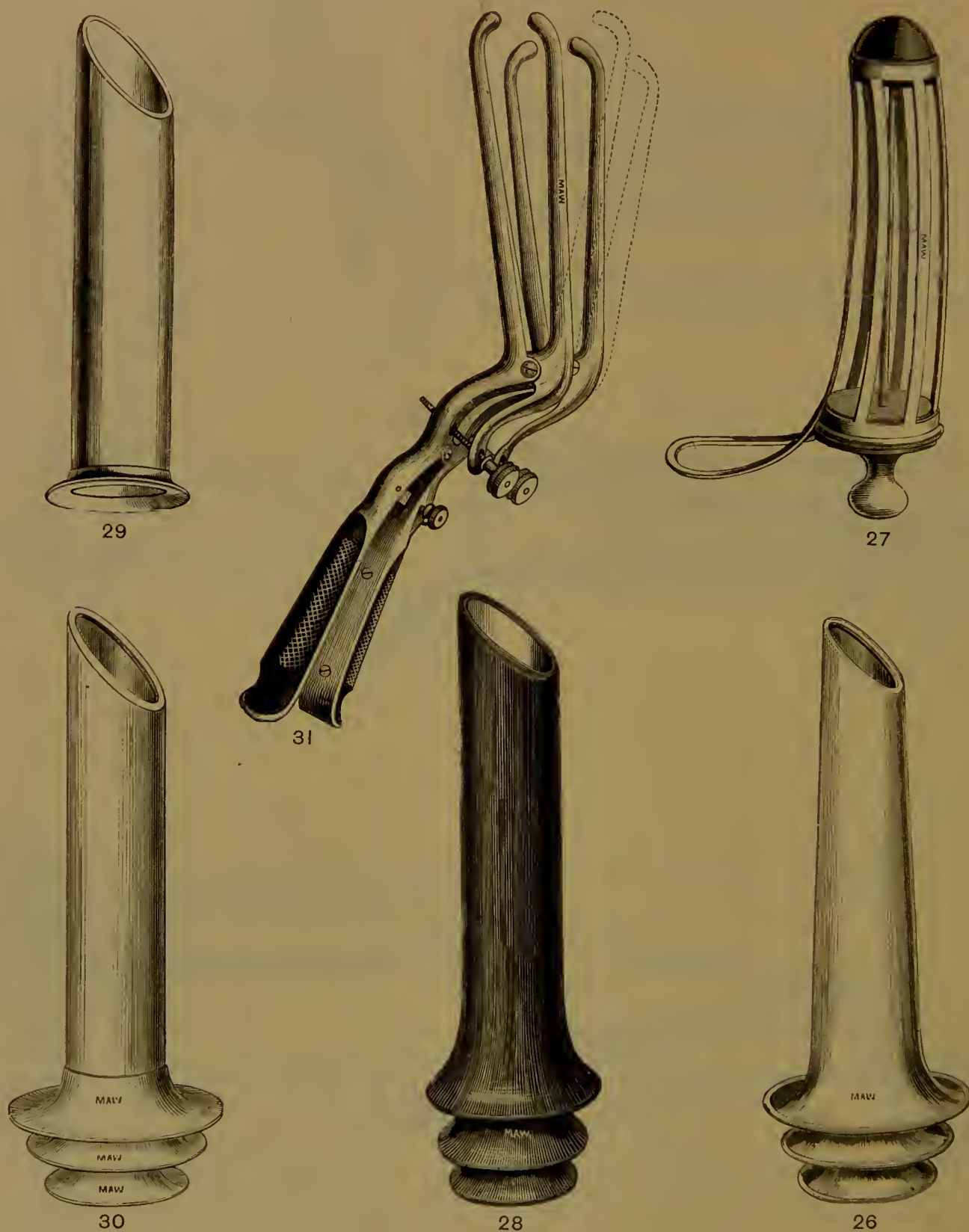
SPECULUMS FOR DIAGNOSIS (*Continued*).

Fig. 26. DAVIS'.
 Fig. 27. FENESTRATED.
 Fig. 28. FERGUSSON'S, GLASS.

Fig. 29. } FERGUSSON'S, METAL.
 Fig. 30. }
 Fig. 31. SCANZONI'S.

SOUNDS FOR DIAGNOSIS.

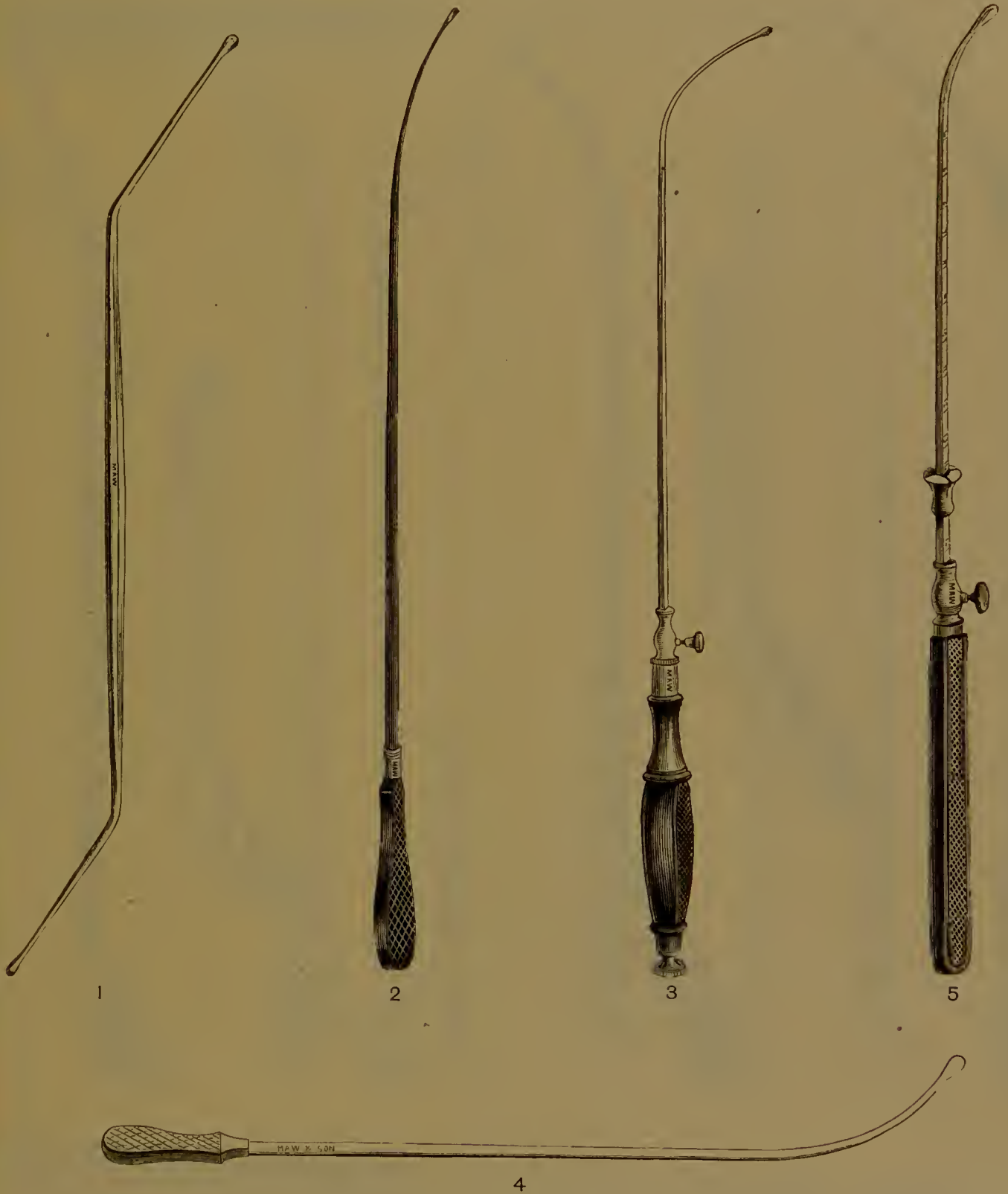


Fig. 1. ANGULAR.
Fig. 2. BARNES'.
Fig. 3. HUGUIET'S.

Fig. 4. SIMS'.
Fig. 5. VALLEIX'S.

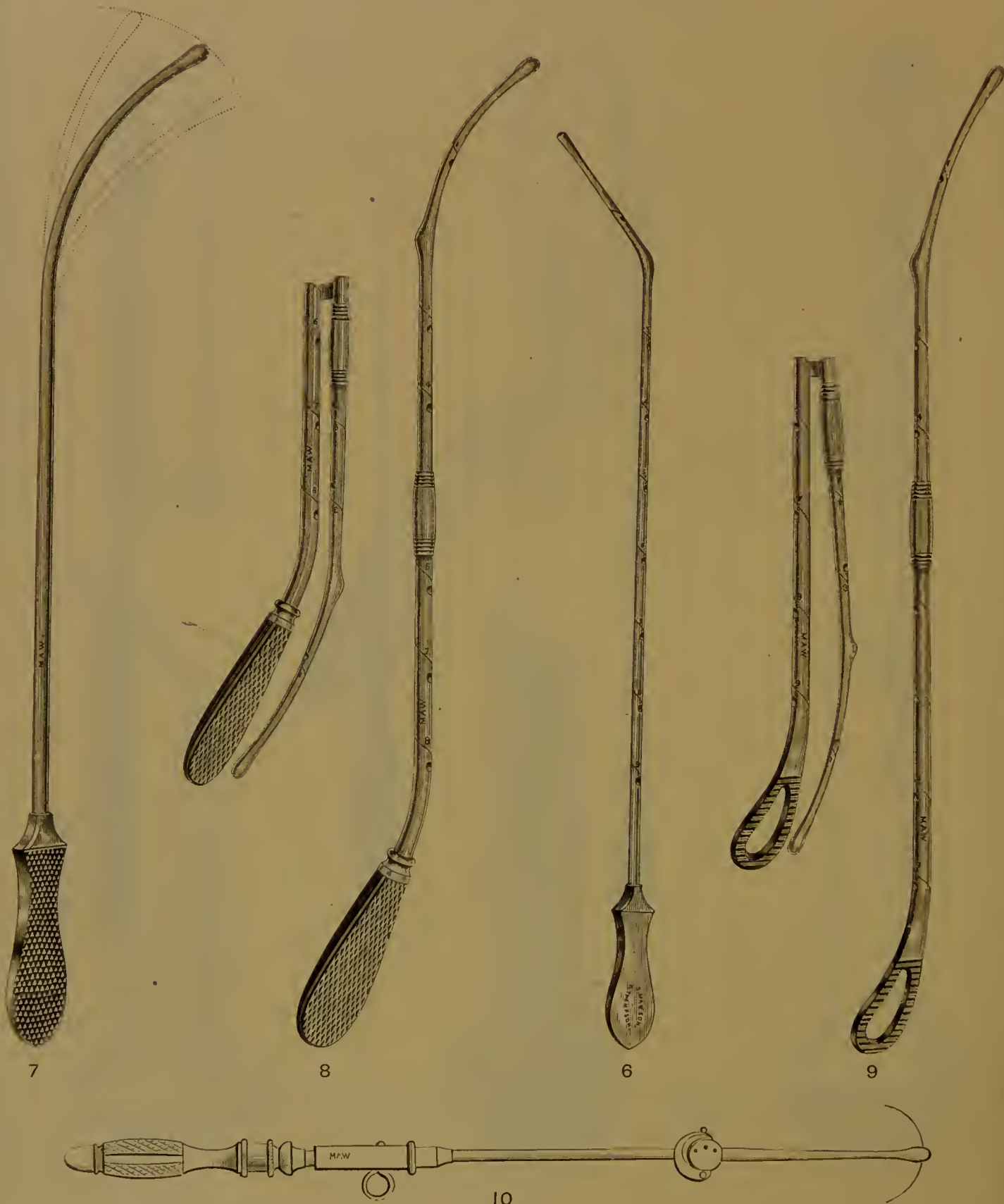
SOUNDS FOR DIAGNOSIS (*Continued*).

Fig. 6. SIMPSON'S.

Fig. 7. SIMS', WITH MALLEABLE POINT.

Fig. 8. SMITH'S (HEYWOOD) FOLDING.

Fig. 9. SMITH'S (HEYWOOD) FOLDING,
WITH CURETTE.

Fig. 10. UTERUS REPOSITOR, SIMS'.

FOR DIAGNOSIS, ETC.



Fig. 11. CURETTE, RÉCAMIER'S.
Fig. 12. CURETTE.
Fig. 13. CURETTE, THOMAS'.
Fig. 14. } DEPRESSORS.
Fig. 15. }

Fig. 16. DEPRESSOR, THOMAS'.
Fig. 17. FINE HOOK, FOR FIXING THE UTERUS.
Fig. 18. SCREW HOOK, FOR THE REMOVAL OF A
TAMPON.
Fig. 19. UTERUS SCRAPER.

FOR DILATING THE OS AND CERVIX UTERI.

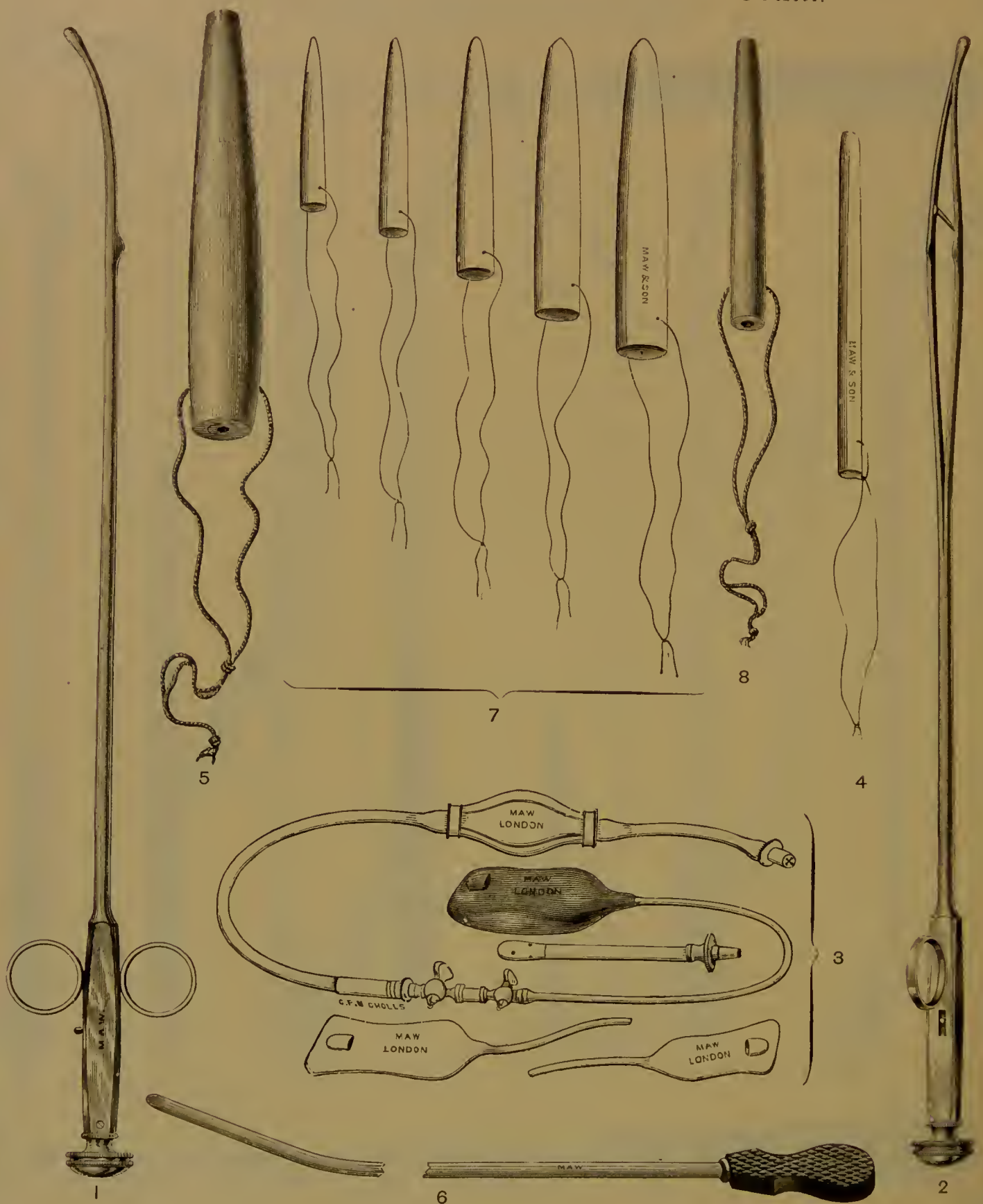


Fig. 1. DILATOR, GREENHALGH'S.
 Fig. 2. DILATOR, PRIESTLEY'S.
 Fig. 3. HYDROSTATIC BAGS, WITH TUBE FOR
 PERCHLORIDE OF IRON, BARNES'.
 Fig. 4. SEA TANGLE TENT.

Fig. 5. SEA TANGLE AND SPONGE TENT,
 WILTSHIRE'S.
 Fig. 6. SOUND, HEYWOOD SMITH'S.
 Fig. 7. SPONGE TENTS.
 Fig. 8. TUPELO TENT.

FOR DILATING THE OS AND CERVIX UTERI (*Continued*).

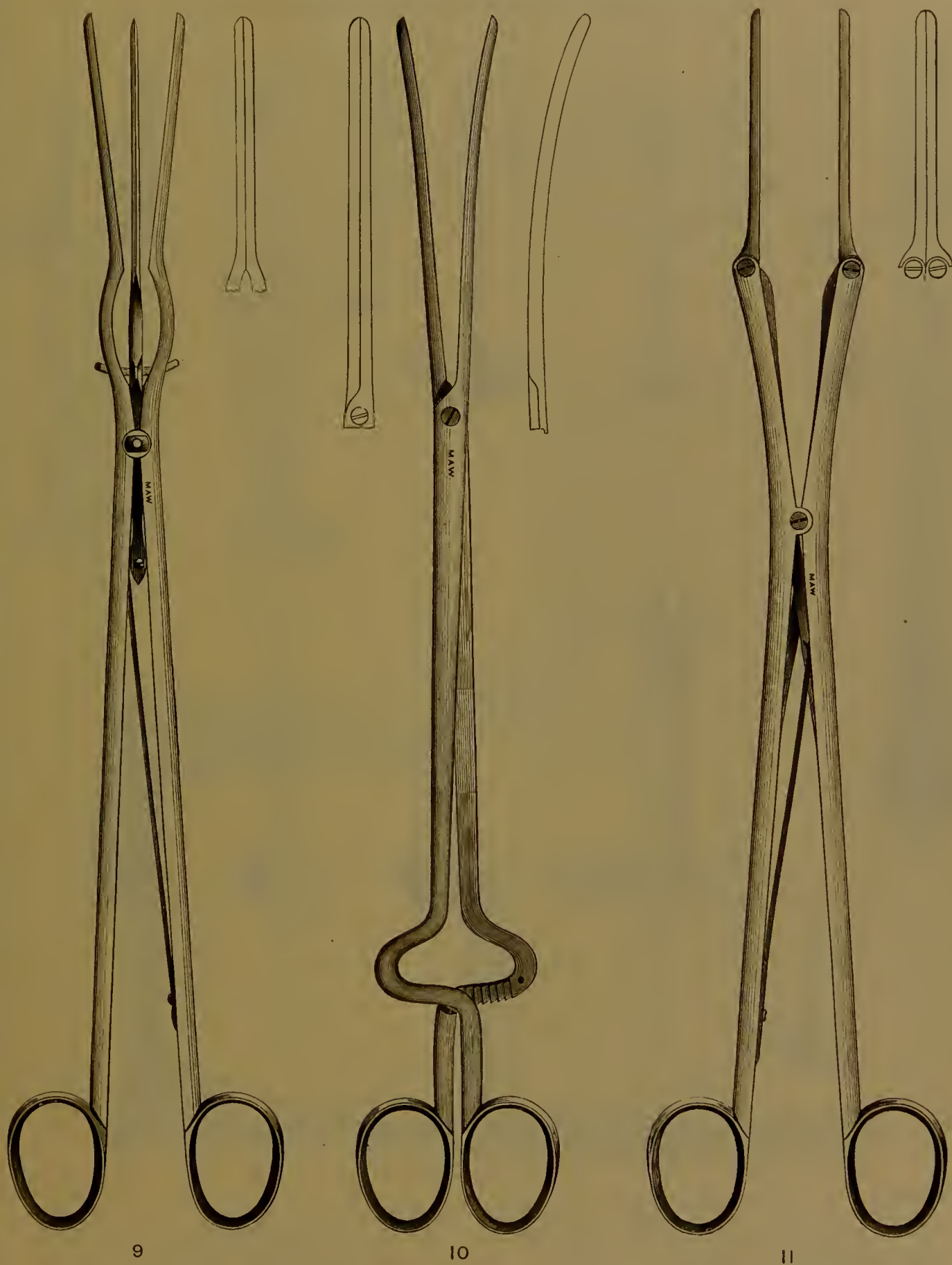
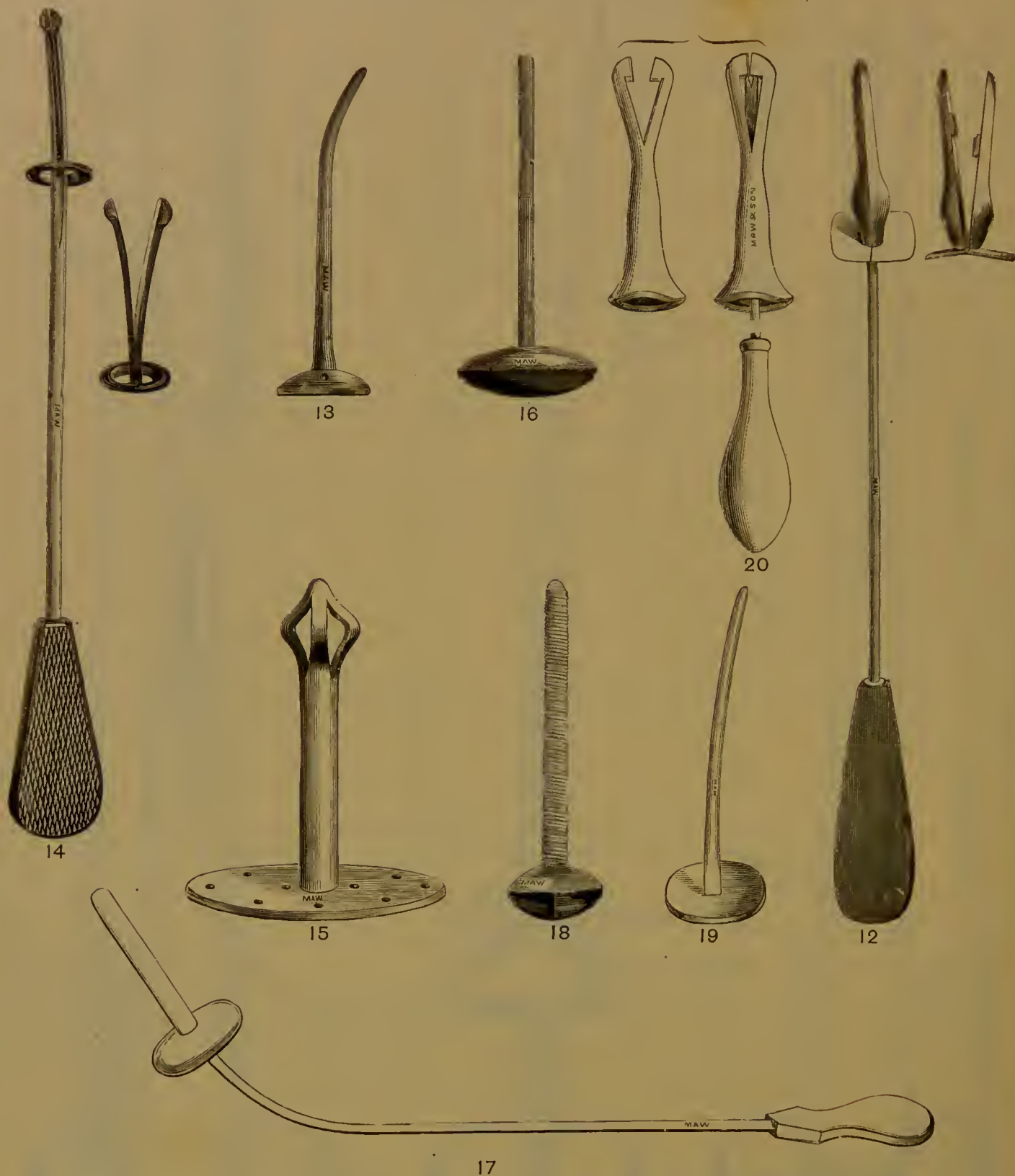


Fig. 9. FORCEPS, BUCH'S, MODIFIED BY HUGUIER. || Fig. 10. FORCEPS, WITH RACK FASTENING.
 Fig. 11. FORCEPS, PARALLEL BLADES.

FOR DILATING THE OS AND CERVIX UTERI, ETC. (*Continued*).

- Fig. 12. STEM AND INTRODUCER, BOULTON'S.
 Fig. 13. STEM, CHAMBER'S.
 Fig. 14. STEM AND INTRODUCER, CHAMBER'S.
 Fig. 15. STEM, GREENHALGH'S.
 Fig. 16. STEM, GALVANIC, SIMPSON'S.

- Fig. 17. STEM, METAL, AND INTRODUCER, SIMPSON'S.
 Fig. 18. STEM, SPIRAL, SIMPSON'S.
 Fig. 19. STEM, DISC OF SOFT RUBBER.
 Fig. 20. STEM, VULCANITE, AND INTRODUCER.

FOR DILATING THE OS AND CERVIX UTERI, ETC. (*Continued*).

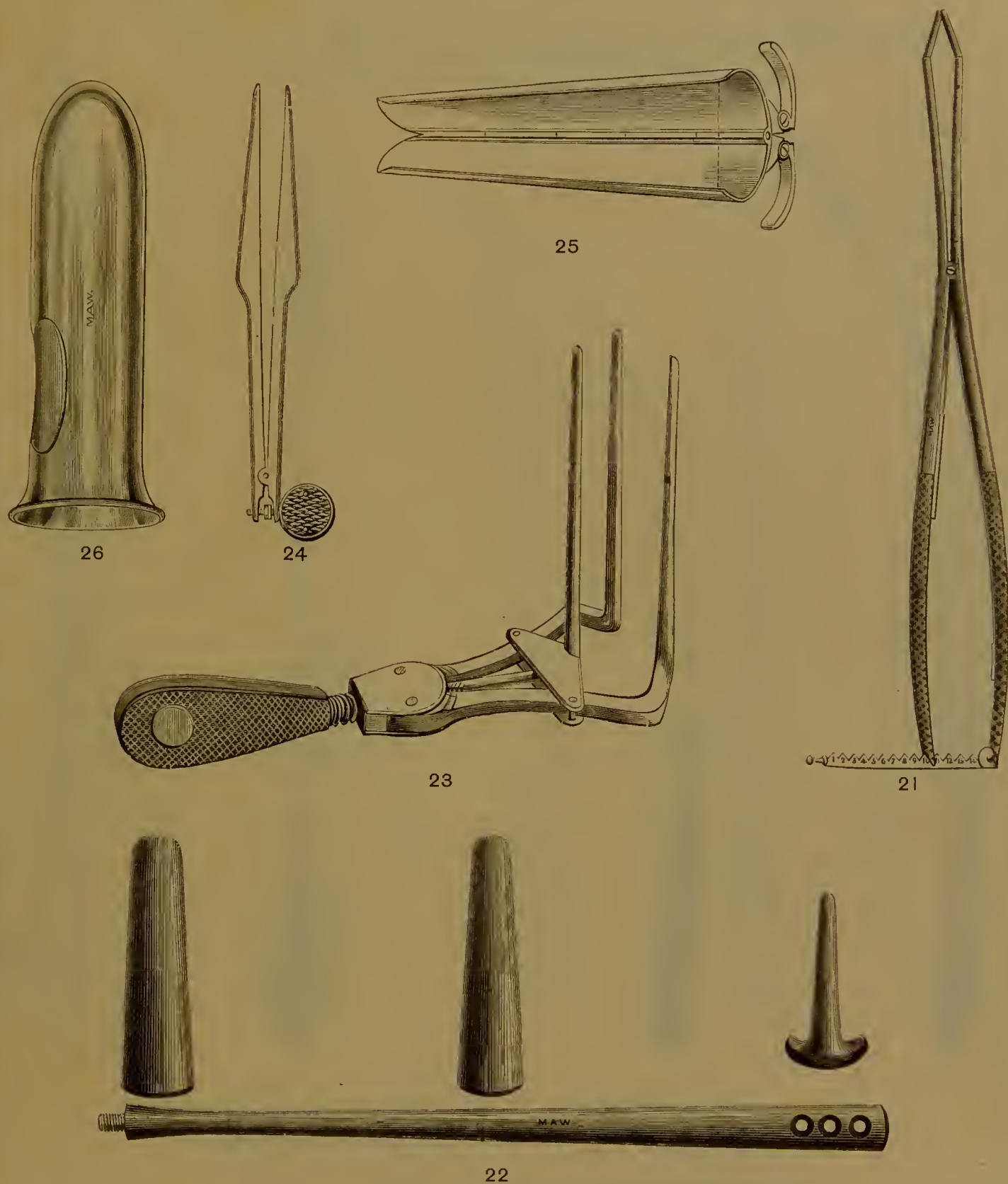


Fig. 21. CERVIX DILATOR.

Fig. 22. OS AND CERVIX DILATORS,
MOLESWORTH'S.

Fig. 23. URETHRA DILATOR.

Fig. 24. URETHRA DILATOR, SIMPSON'S.

Fig. 25. VAGINA DILATOR.

Fig. 26. VAGINA DILATOR, SIMS'.

TENT CARRIERS.



Fig. 1. BARNES'.
 Fig. 2. FORCEPS, SPRING CATCH.
 Fig. 3. FORCEPS, RACK FASTENING.

Fig. 4. GODSON'S.
 Fig. 5. MAW'S.
 Fig. 6. MAW'S, STEEL PROBE.

METROTOMES FOR INCISING THE CERVIX UTERI.

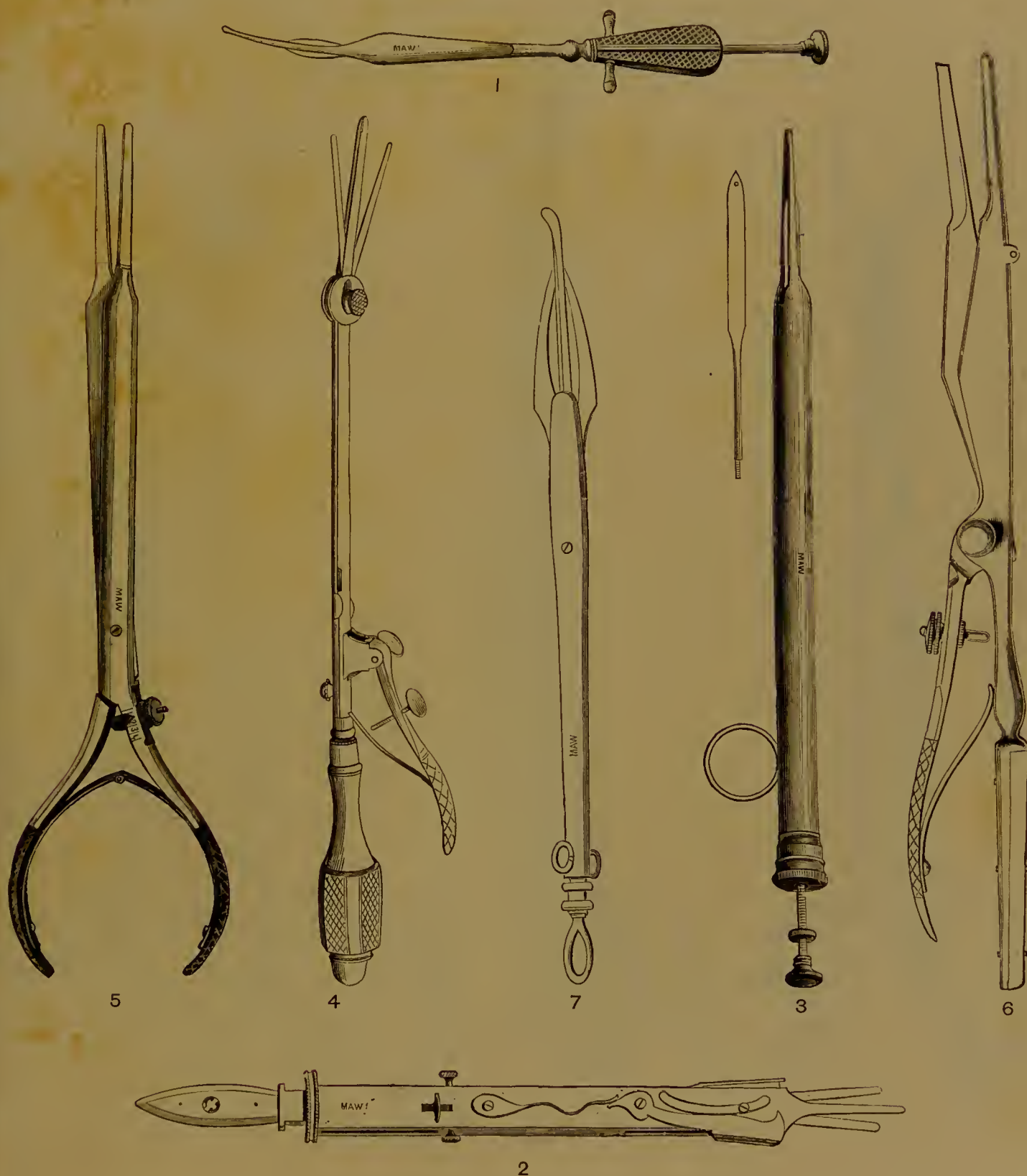


Fig. 1. COGHLAN'S.
Fig. 2. GREENHALGH'S.
Fig. 3. PEASLEE'S.
Fig. 4. ROUTH'S.

Fig. 5. SAVAGE'S.
Fig. 6. SIMPSON'S.
Fig. 7. SIMS'.

SCISSORS FOR INCISING THE OS AND CERVIX UTERI.

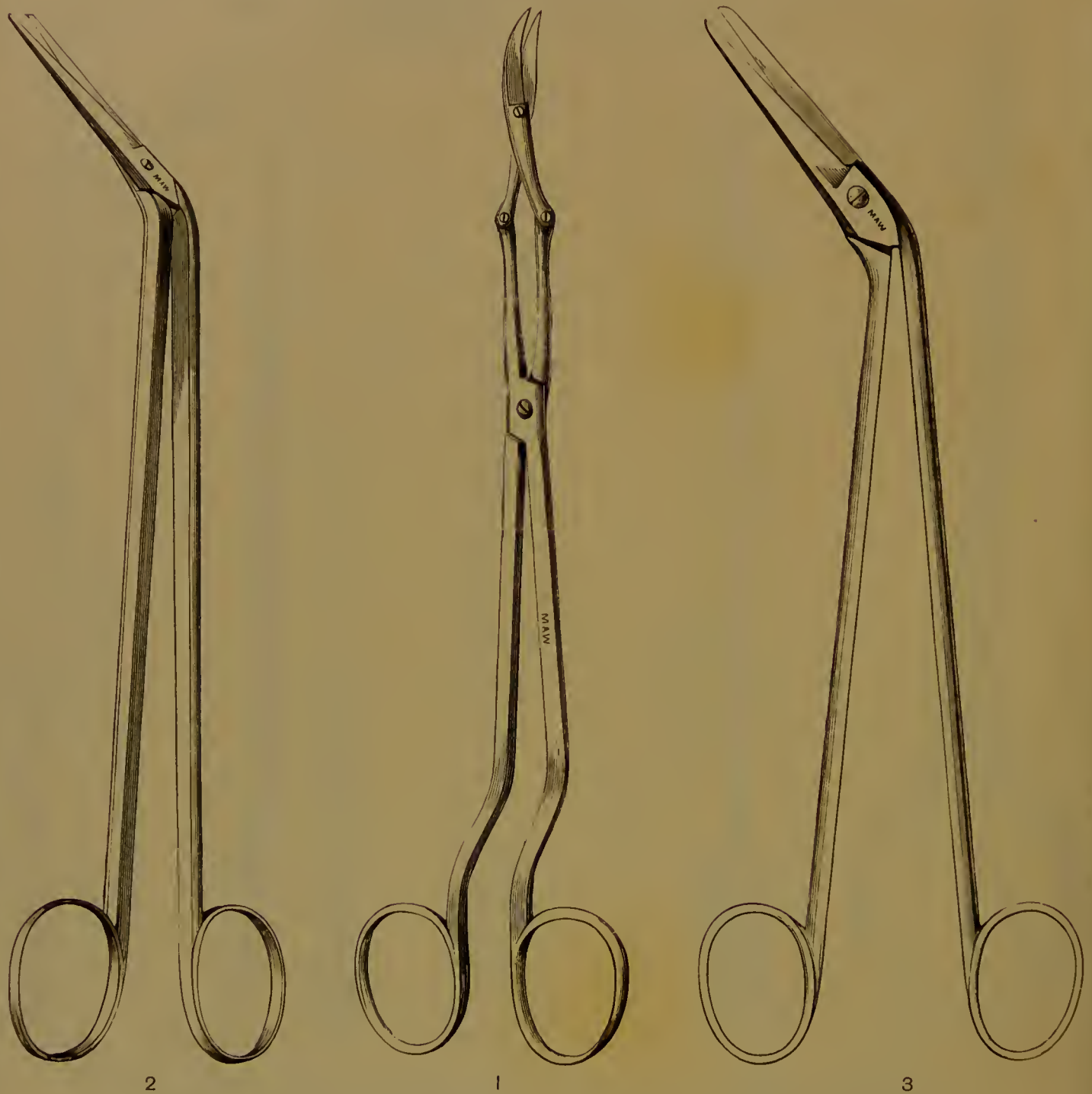


Fig. 1. CURVED BLADES AND IMPROVED MOVEMENT.

Fig. 2. SIMS', CURVED ON THE FLAT.

Fig. 3. SIMS', ELBOW CURVED.

SCISSORS FOR INCISING THE OS AND CERVIX UTERI (*Continued*).

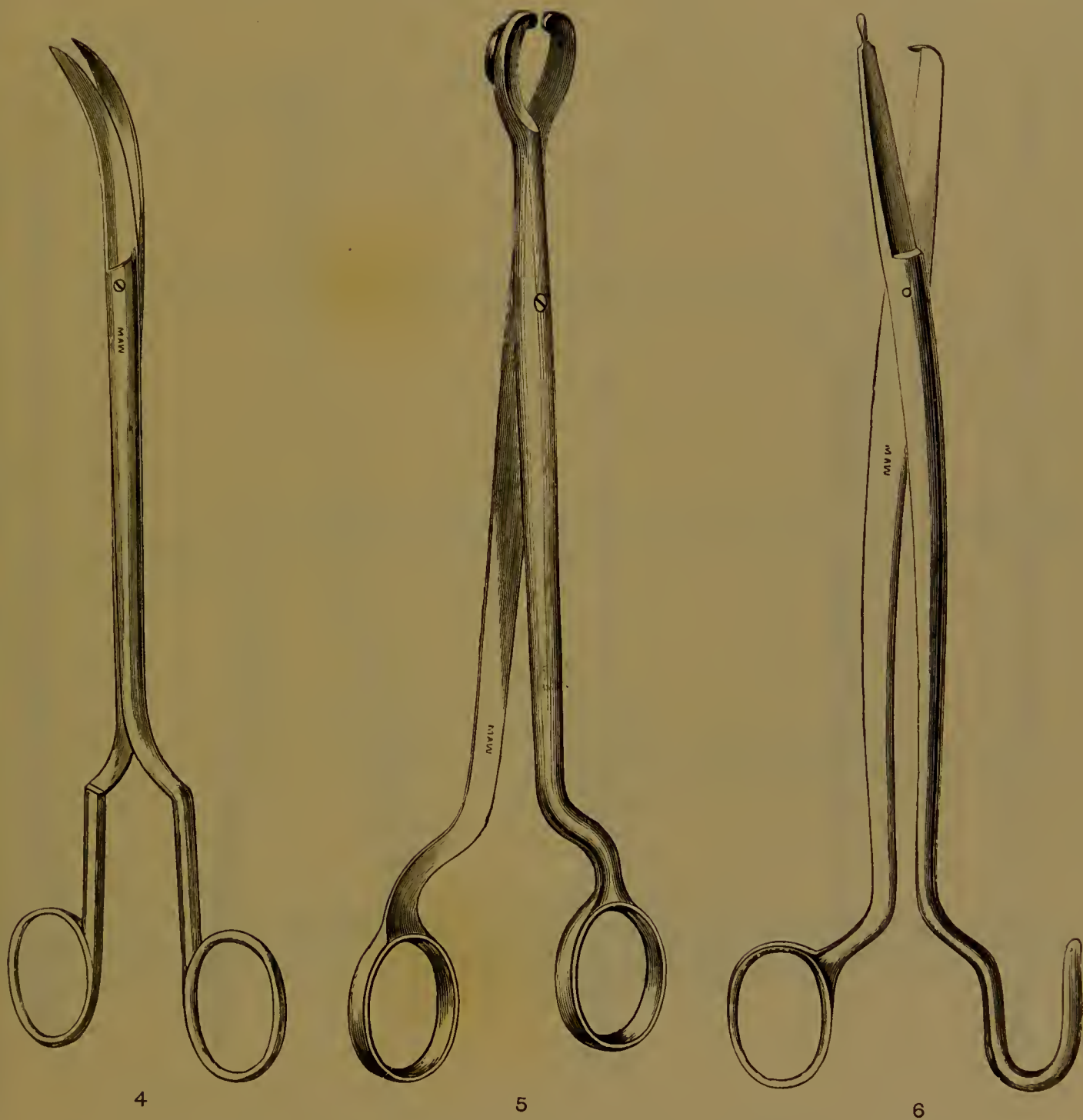


Fig. 4. CONCAVE BLADES.

||

Fig. 5. GRISTOCK'S.

Fig. 6. KÜCHENMEISTER'S.

FOR PUNCTURING AND SCARIFYING THE UTERUS.

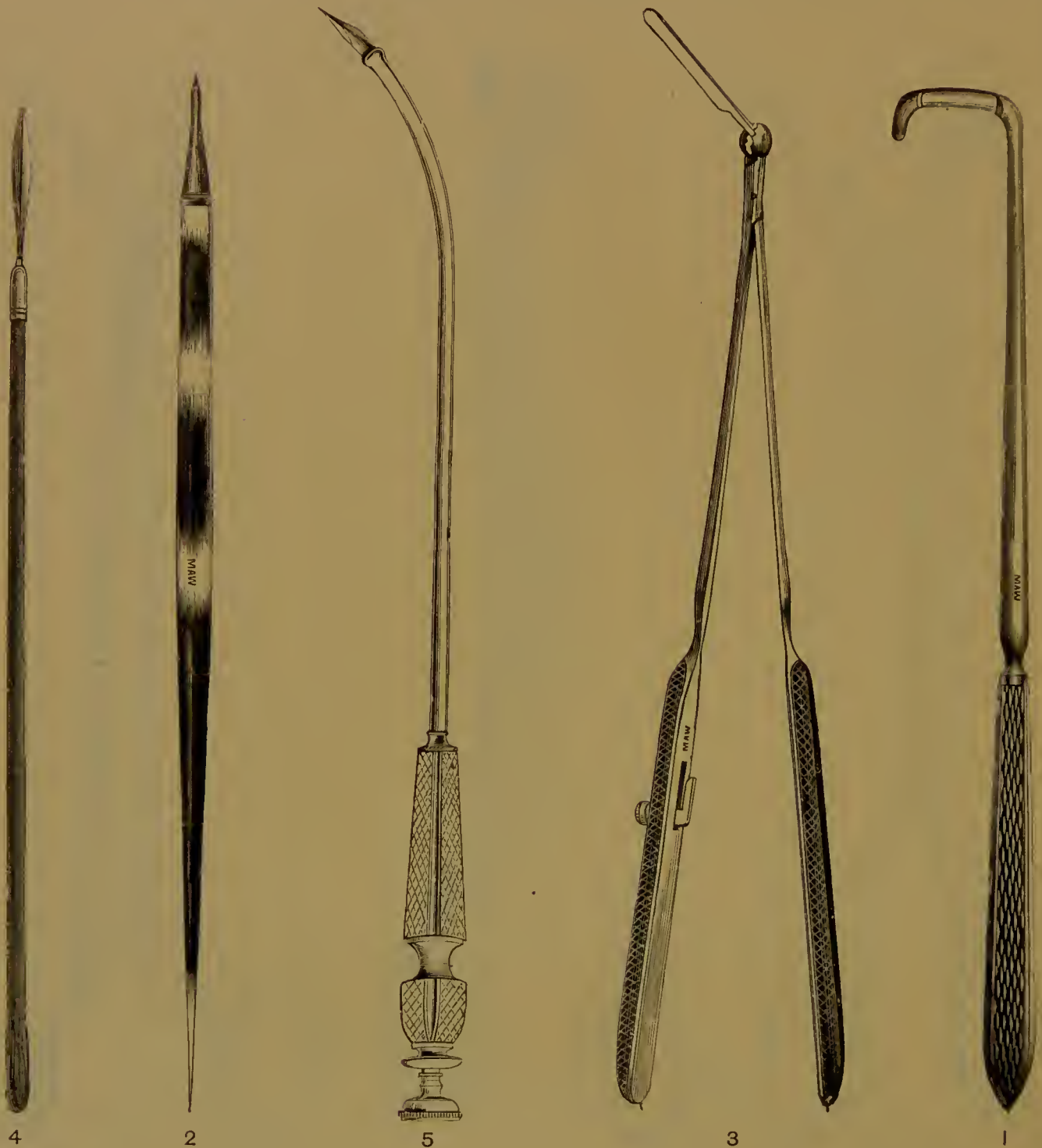


Fig. 1. POLYPTOME, SIMPSON'S.

Fig. 2. QUILL FOR INDUCING PREMATURE LABOUR.

Fig. 3. SCARIFYING KNIFE.

Fig. 4. SCARIFYING LANCET, PALFREY'S.

Fig. 5. TROCAR FOR INDUCING PREMATURE LABOUR, LEE'S.

FOR THE APPLICATION OF SOLUTIONS TO THE UTERUS, ETC.

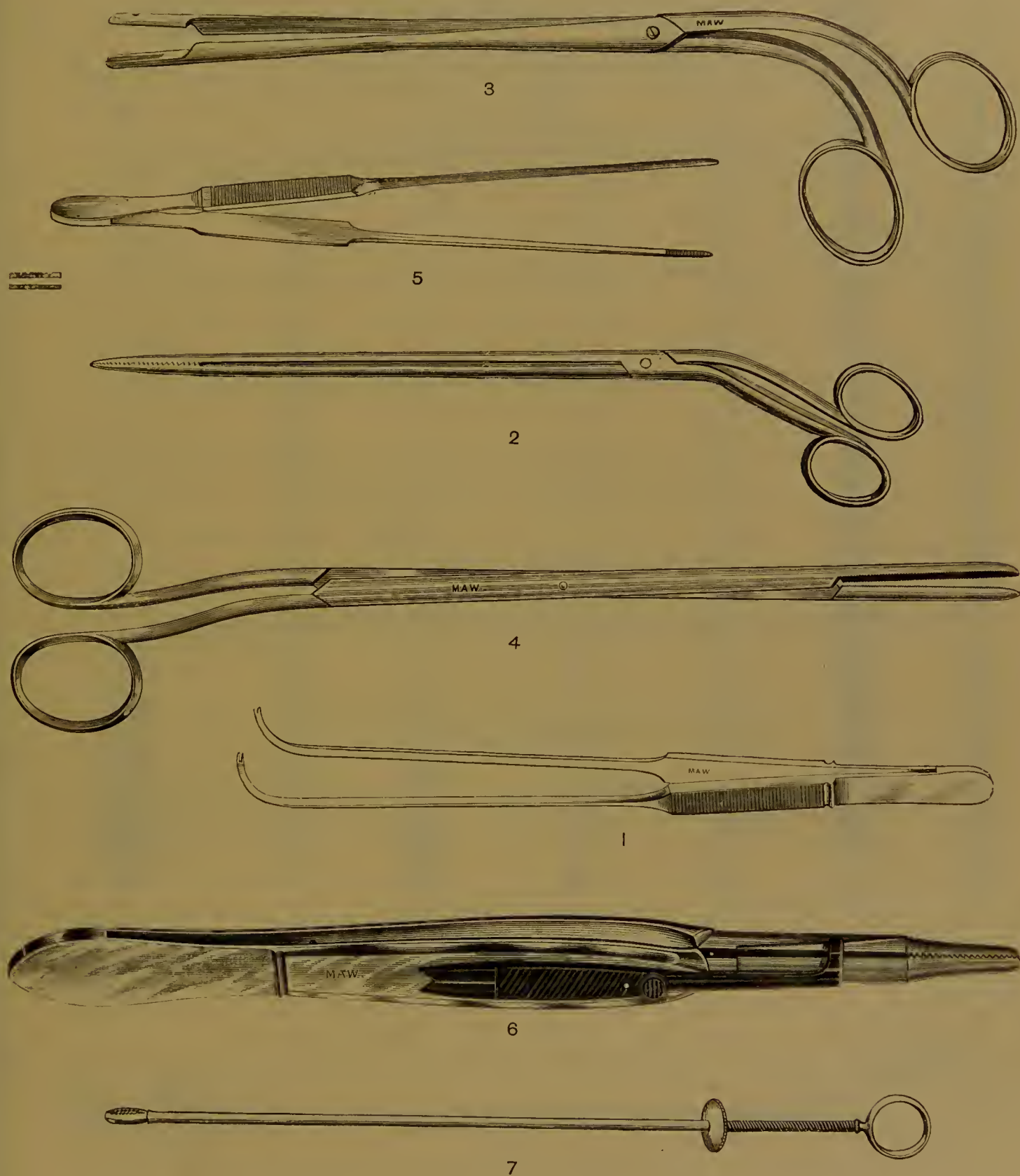


Fig. 1. FORCEPS FOR WOOL OR SPONGE.
 Fig. 2. FORCEPS, HANDLE BENT TO USE WITH
 SPECULUM.
 Fig. 3. FORCEPS, SAVAGE'S.

Fig. 4. FORCEPS, WITH CONCAVE BLADES.
 Fig. 5. FORCEPS, STRAIGHT, SERRATED ENDS.
 Fig. 6. FORCEPS, WITH SLIDE.
 Fig. 7. FORCEPS, WITH SPRING HANDLE.

FOR THE APPLICATION OF CAUSTIC, SOLUTIONS, ETC., TO THE UTERUS.

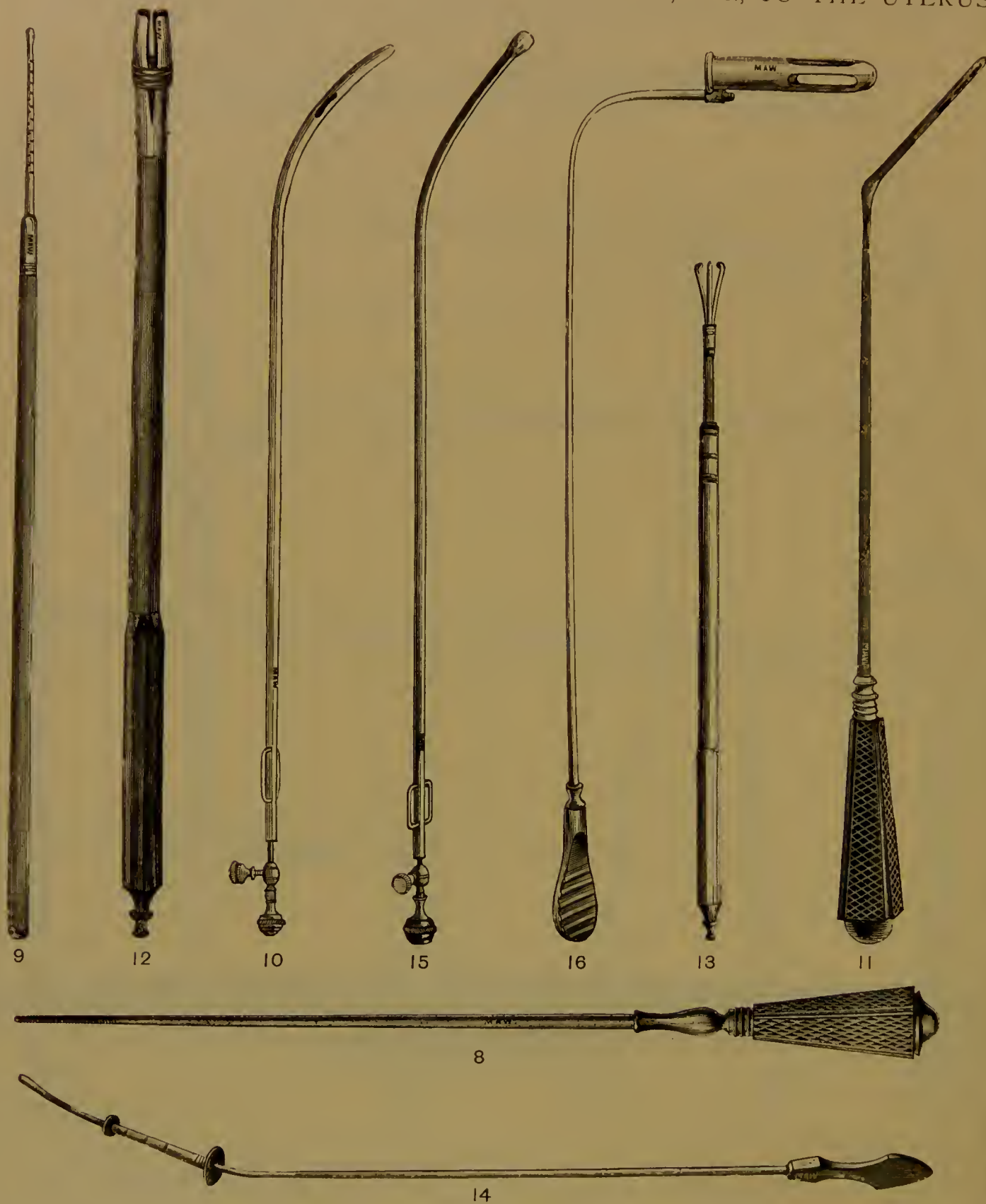


Fig. 8. NITRATE OF SILVER CAUTERY, BARNES'.

Fig. 9. NITRATE OF SILVER OR OINTMENT PROBE, PLAYFAIR'S.

Fig. 10. OINTMENT POSITOR, BARNES'.

Fig. 11. PORTE-CAUSTIQUE, CHIARI'S.

Fig. 12. POTASSA FUSA HOLDER, PALFREY'S.

Fig. 13. } SPONGE AND WOOL-HOLDERS.

Fig. 14. }
Fig. 15. TUBE FOR SULPHATE OF ZINC POINTS, BARNES'.

Fig. 16. TUBE FOR CAUSTIC, PEASLEE'S.

FOR THE APPLICATION OF CAUSTIC, SOLUTIONS, ETC., TO THE UTERUS (*Continued*).

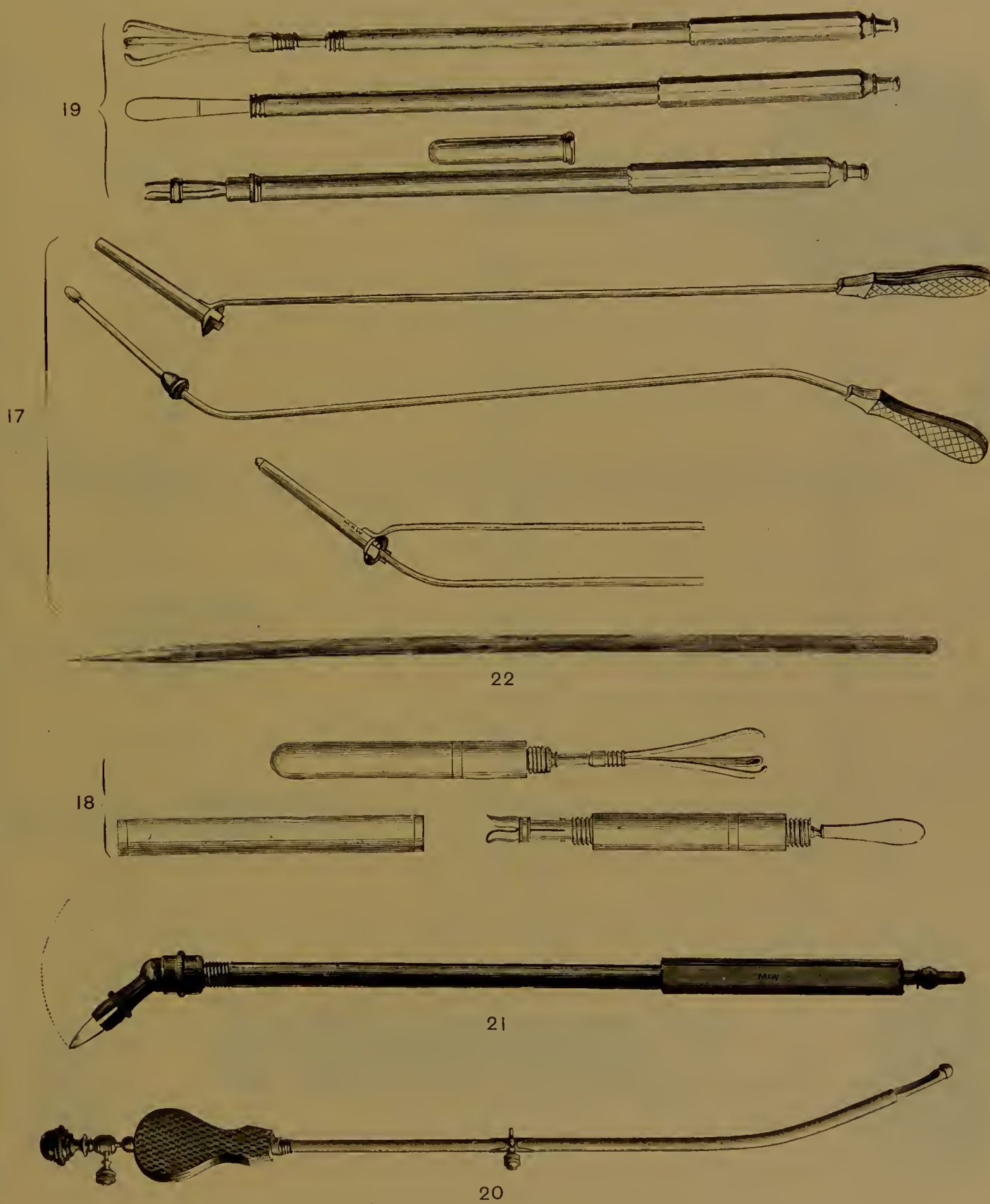


Fig. 17. CANULA, FOR NITRIC ACID, LOOME ATTHILL'S.

Fig. 18. } CAUSTIC, SPONGE-HOLDERS, AND
Fig. 19. } LANCETS, BENNETT'S.

Fig. 20. CAUSTIC CATHETER, FLEXIBLE.

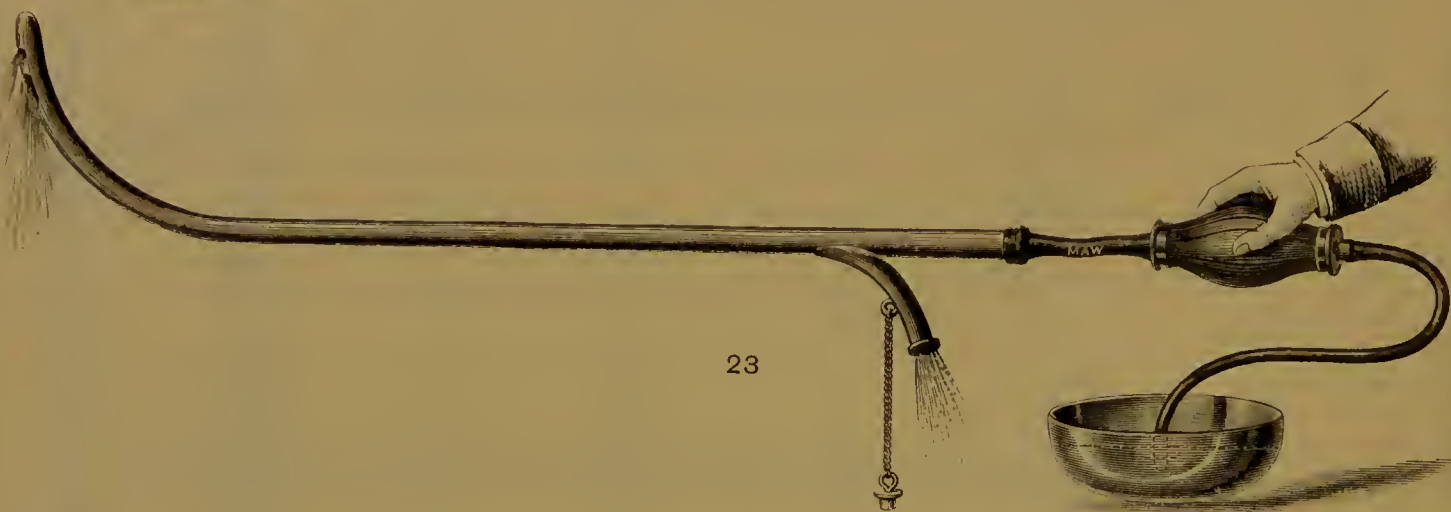
Fig. 21. CAUSTIC-HOLDER, VULCANITE.

Fig. 22. GLASS ROD, FOR NITRIC ACID.

FOR THE APPLICATION OF CAUSTIC, SOLUTIONS, POWDERS, AND
PESSARIES TO THE UTERUS, ETC.



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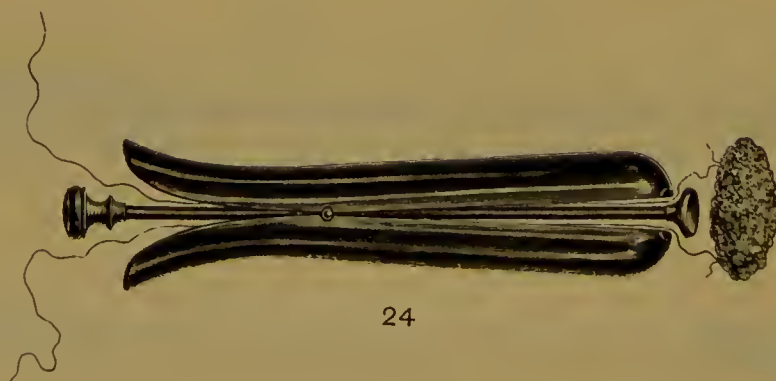
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Fig. 23. CATHETER, DOUBLE CHANNEL.
Fig. 24. INSTRUMENT TO FACILITATE THE
APPLICATION OF MEDICATED WOOL
TO THE VAGINA, BARNES'.

Fig. 25. INSUFFLATER, CLAY'S.
Fig. 26. } PESSARIES, MEDICATED.
Fig. 27. }
Fig. 28. SYRINGE AND SOUND, POTTER'S.

FOR THE REMOVAL OF POLYPUS, TUMOURS, ETC.

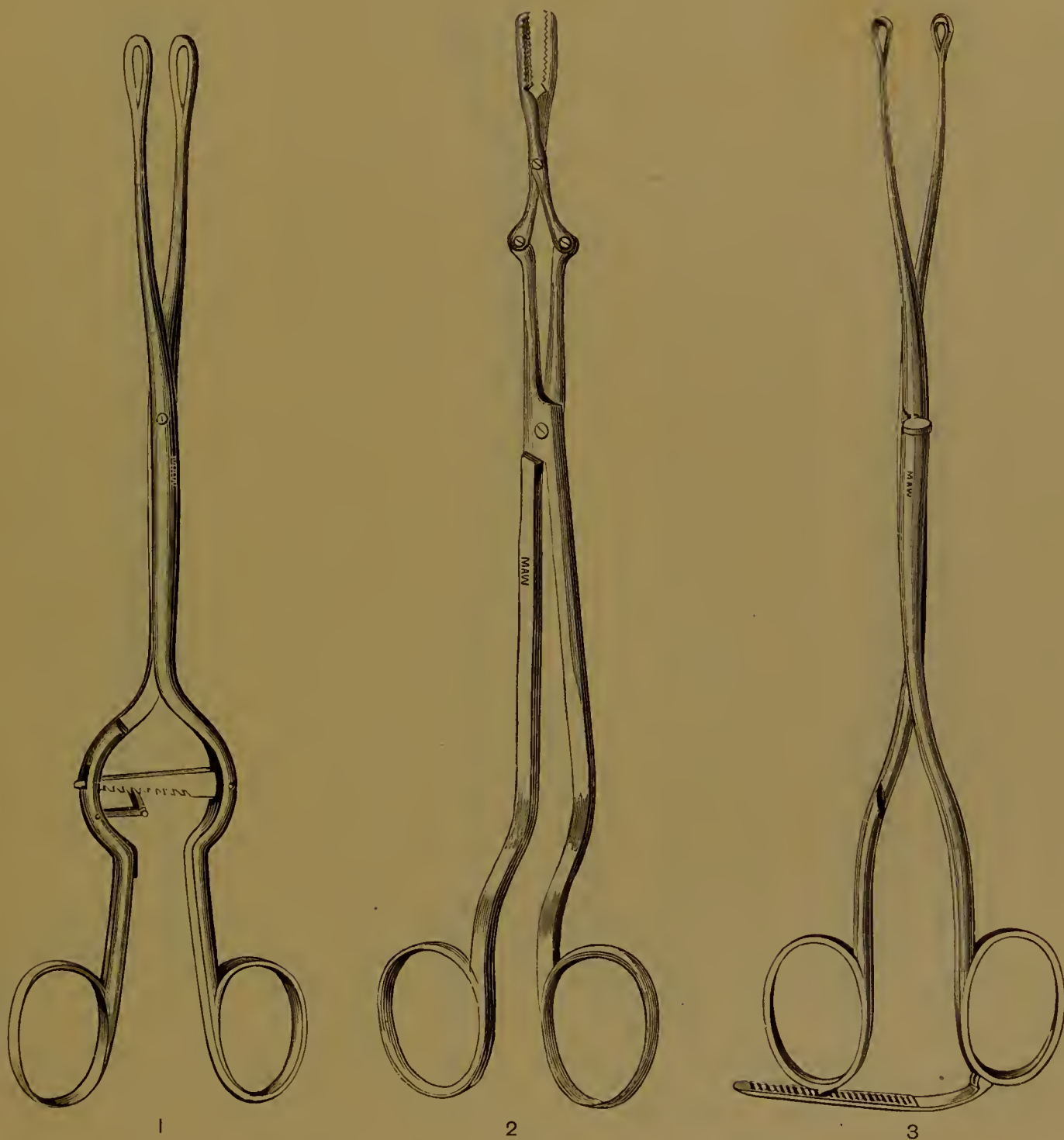
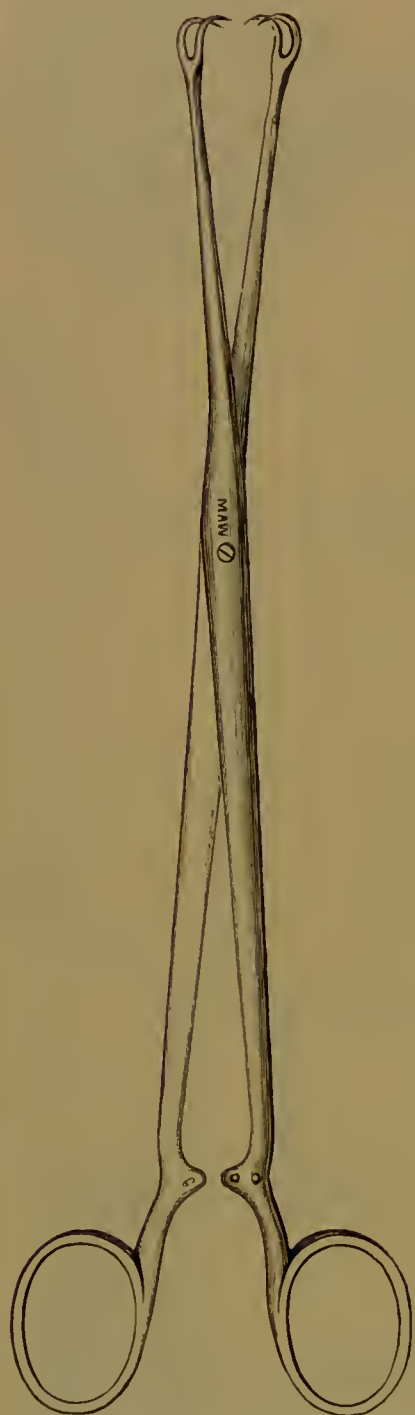


Fig. 1. FORCEPS, BROAD FENESTRATED BLADES.
Fig. 2. FORCEPS, WITH IMPROVED MOVEMENT.
Fig. 3. FORCEPS, MOVABLE BLADES.

FOR THE REMOVAL OF POLYPUS, TUMOURS, ETC. (*Continued*).



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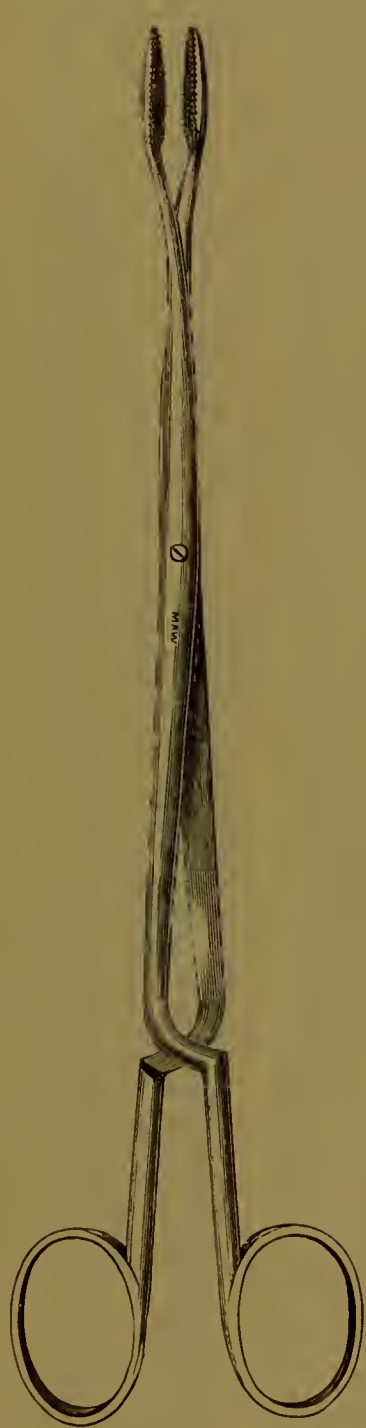
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Fig. 4. VULSELLUM, WITH CATCH.

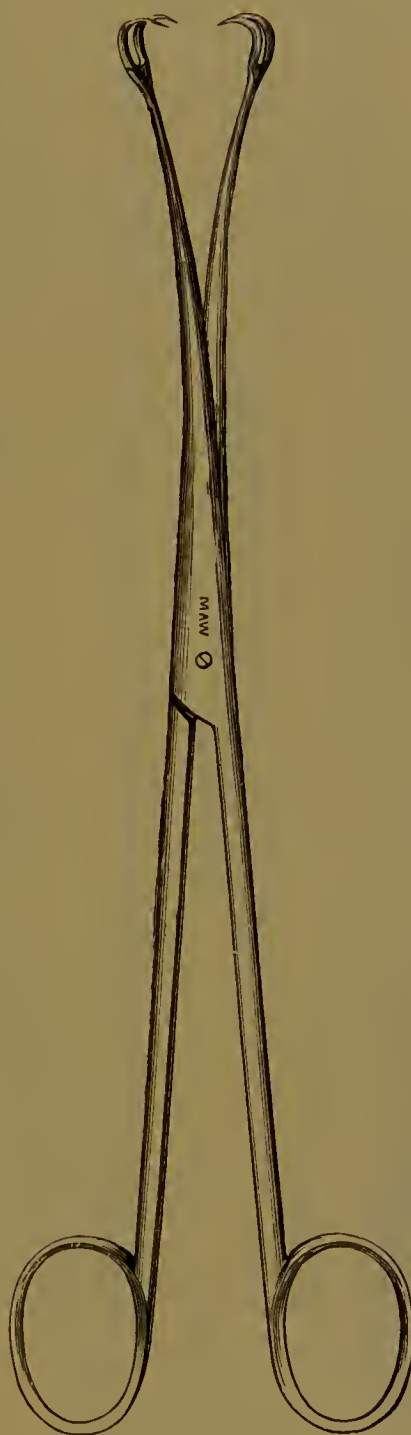
Fig. 5. VULSELLUM, CURVED, WITH CATCH.

Fig. 6. VULSELLUM, NARROW POINTS, WITH CATCH.

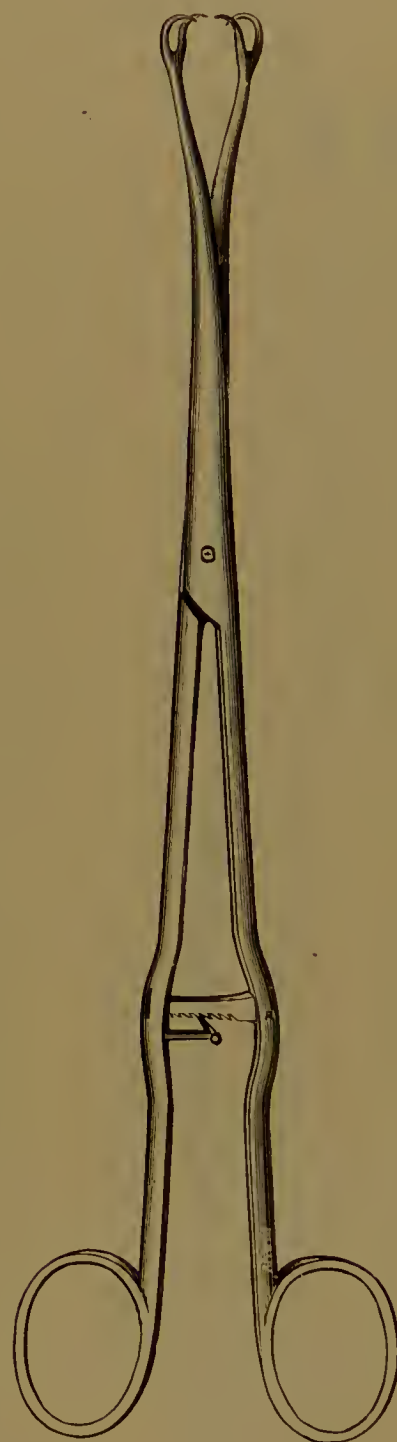
FOR THE REMOVAL OF POLYPUS, TUMOURS, ETC. (*Continued*).



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Fig. 7. FORCEPS, SERRATED ENDS.

Fig. 8. VULSELLUM, PLAIN.

Fig. 9. VULSELLUM, WITH RACK-FASTENING.

ECRASEURS FOR THE REMOVAL OF POLYPUS, TUMOURS, ETC.

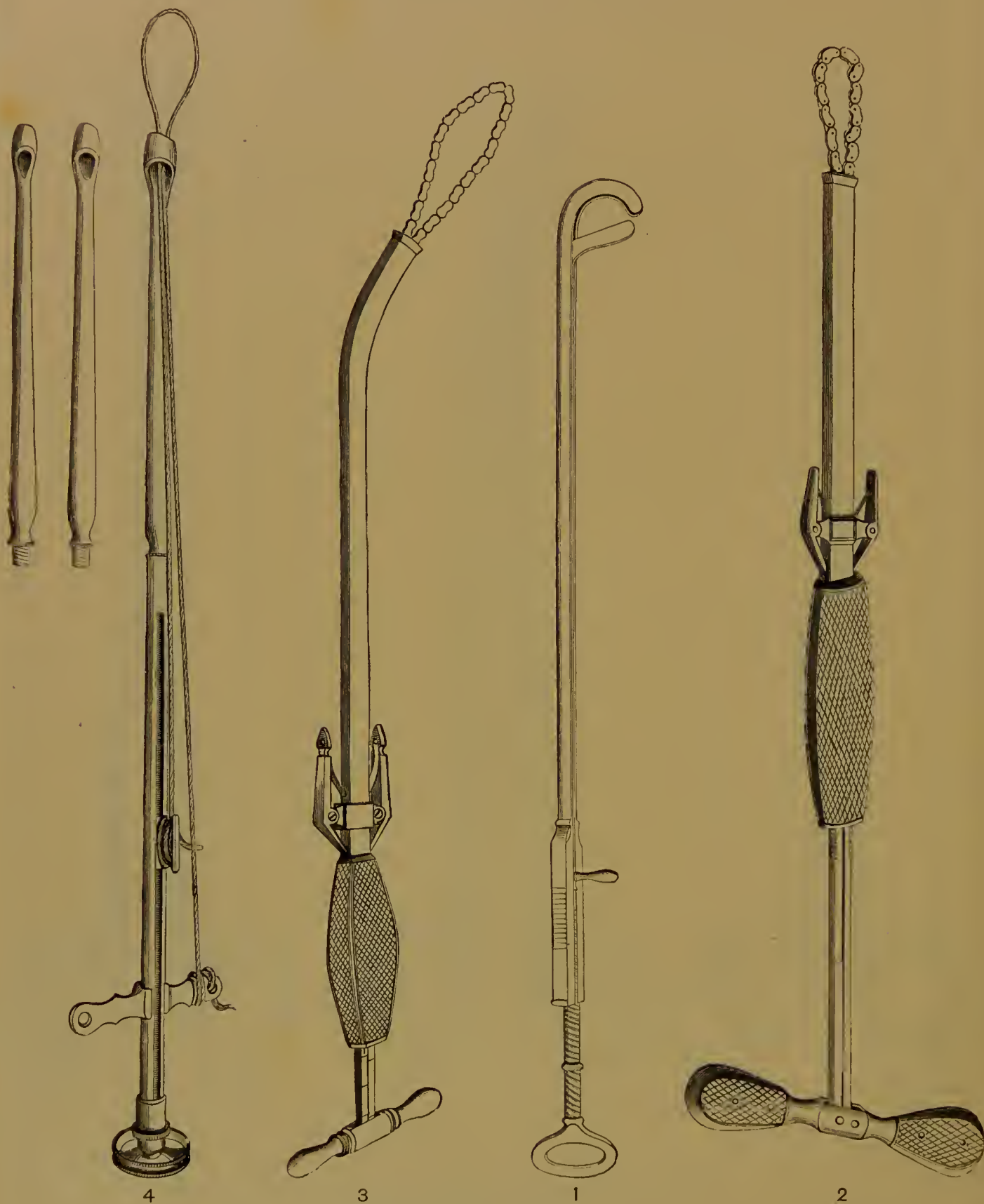


Fig. 1. AVELING'S.

Fig. 2. CHASSAIGNAC'S.

Fig. 3. CHASSAIGNAC'S.

Fig. 4. HICK'S.

ECRASEURS FOR THE REMOVAL OF POLYPUS, TUMOURS, ETC. (*Continued*).

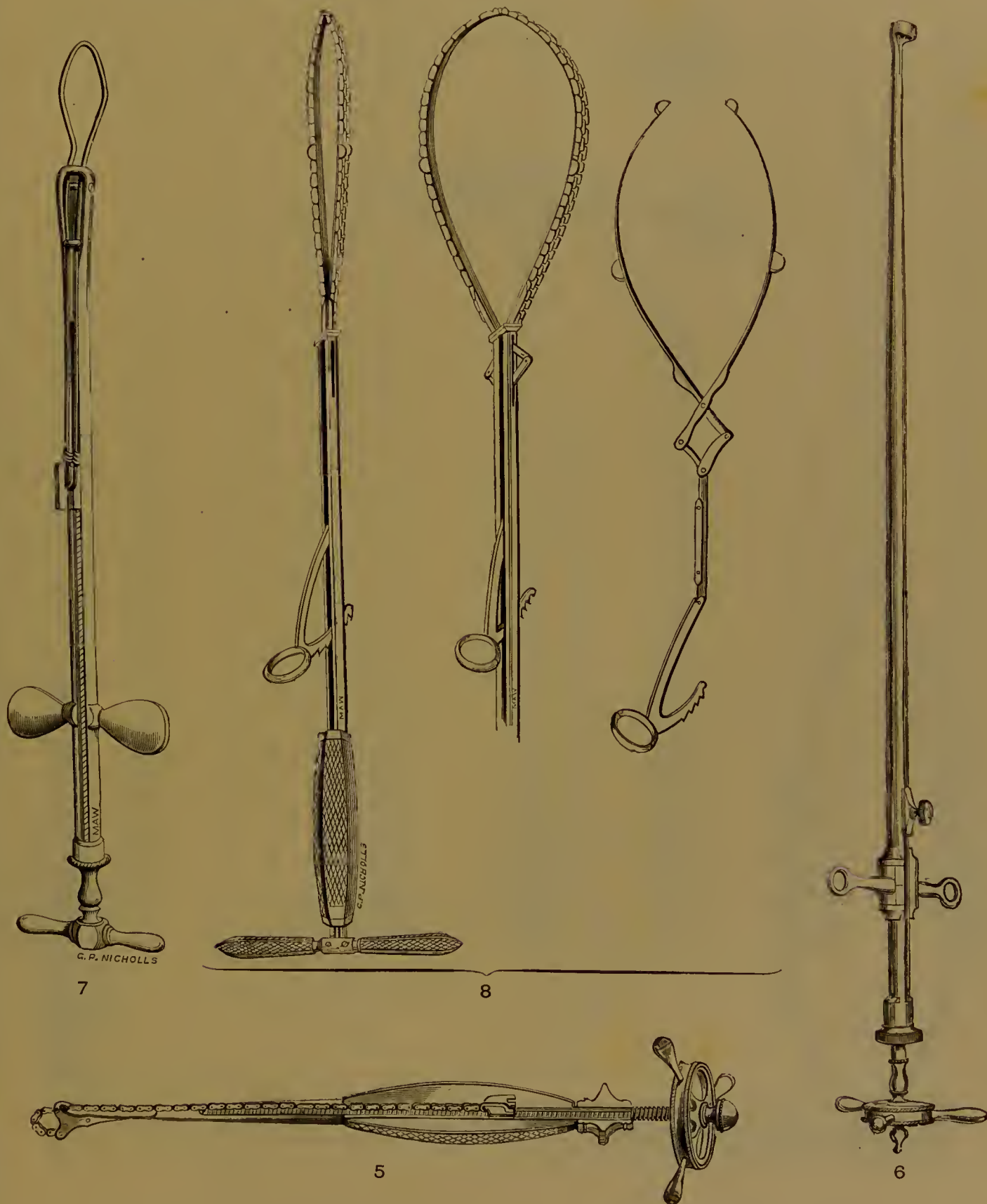


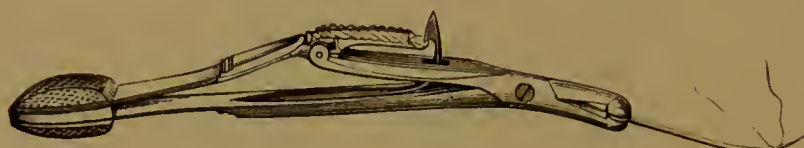
Fig. 5. CHASSAIGNAC'S.
Fig. 6. HICK'S.

Fig. 7. MEADOW'S.
Fig. 8. SIMS'.

NEEDLE-HOLDERS.



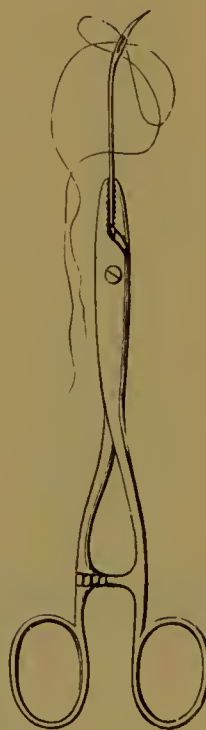
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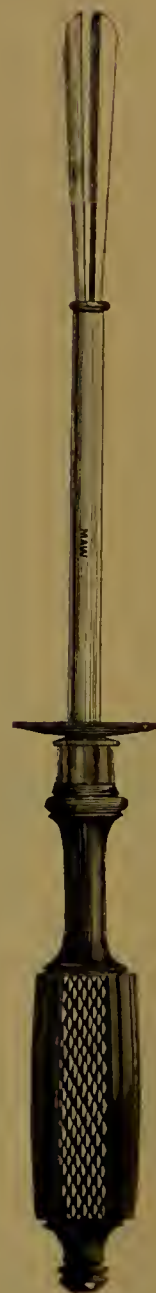
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Fig. 1. CIRCULAR JOINT.

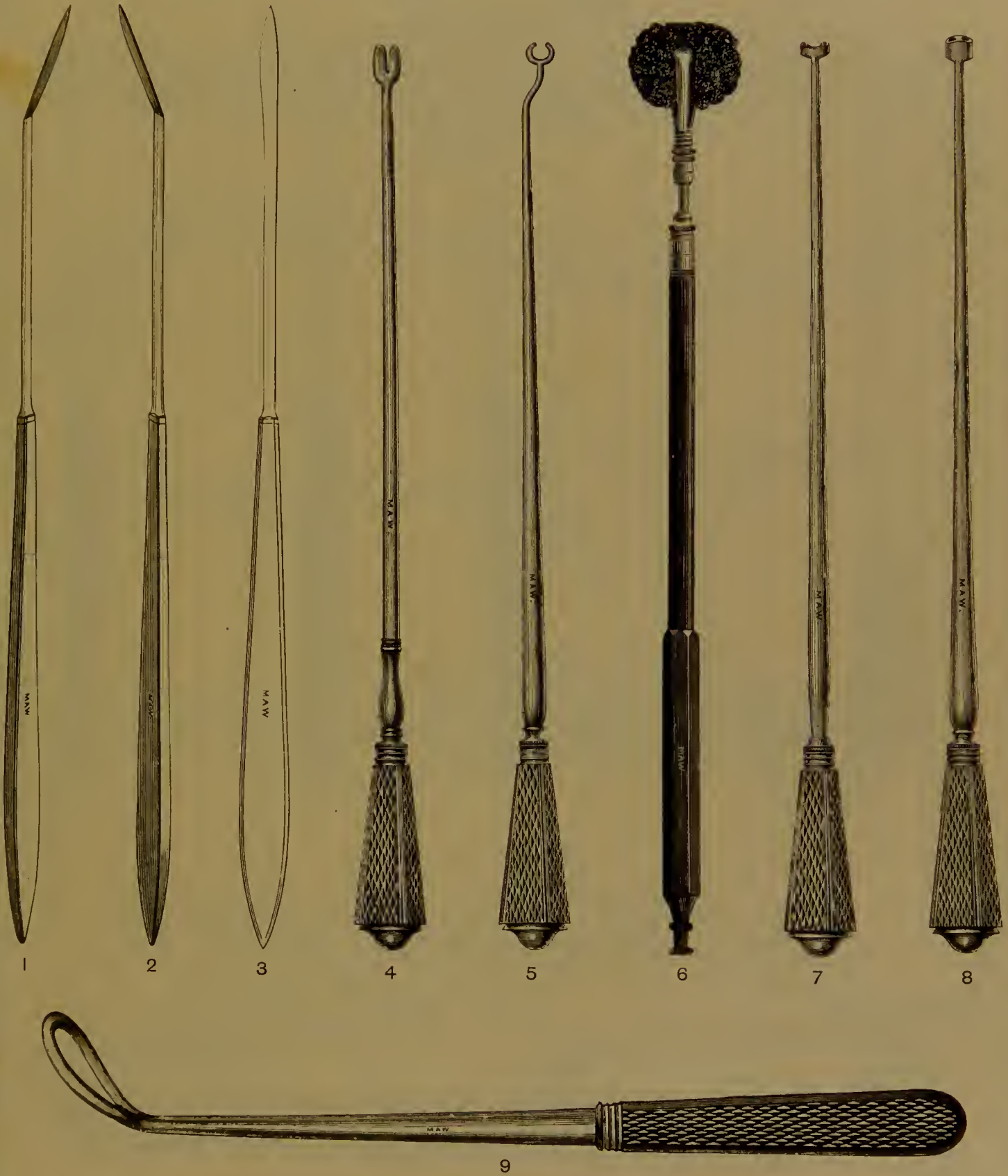
Fig. 2. EBONY-MOUNTED.

Fig. 3. IVORY-MOUNTED.

Fig. 4. LUER'S.

Fig. 5. MAW'S IMPROVED.

FOR VESICO-VAGINAL FISTULA AND RUPTURED PERINEUM.



Figs. 1 } BISTOURIES FOR PARING THE EDGES.
to 3. }
Fig. 4. FORK TO AID PASSAGE OF SUTURES.
Fig. 5. FULCRUM.

Fig. 6. SPONGE-HOLDER.
Fig. 7. SUTURE-ADJUSTER.
Fig. 8. SUTURE-TWISTER.
Fig. 9. TRACTOR.

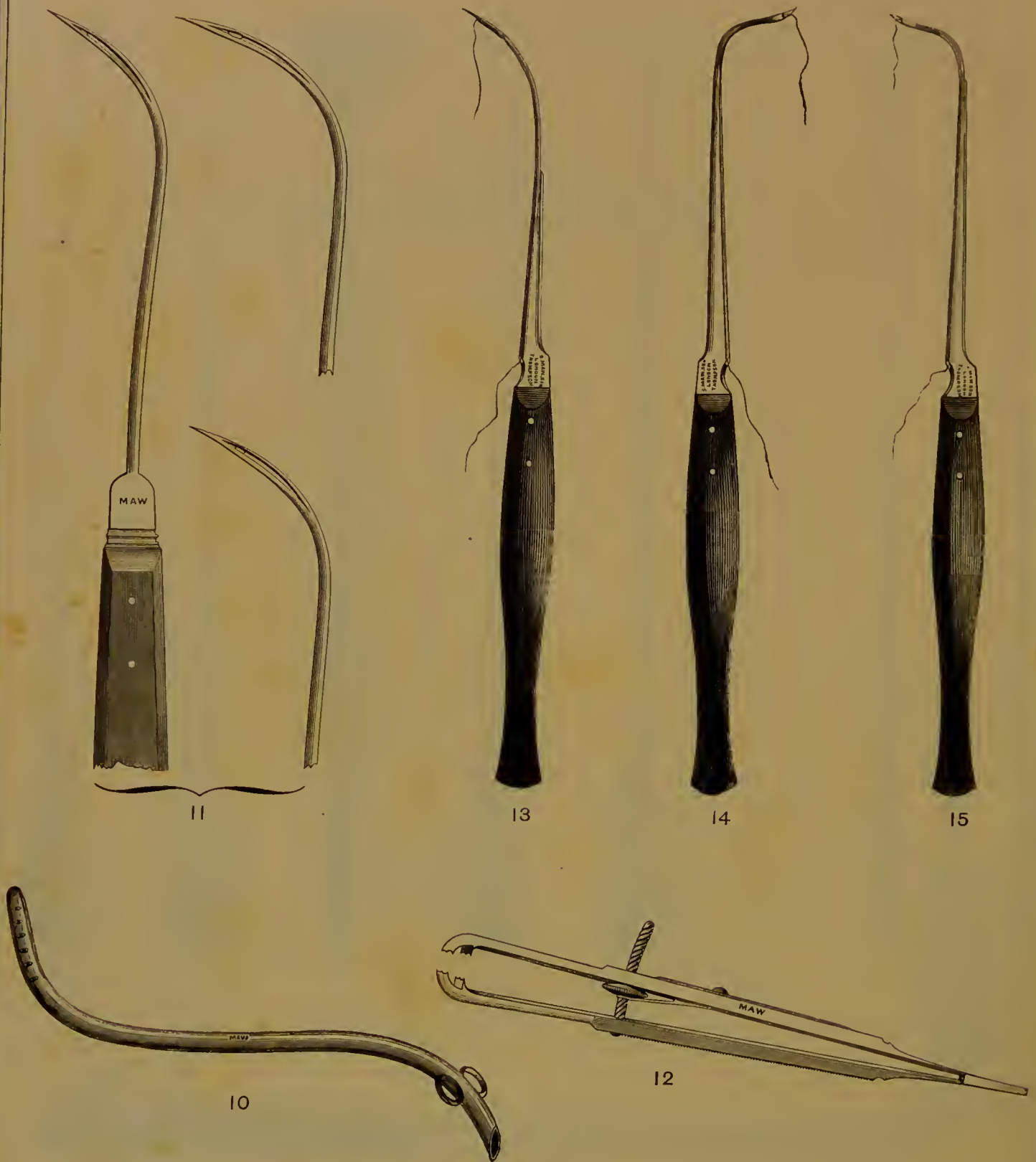
FOR VESICO-VAGINAL FISTULA AND RUPTURED PERINEUM (*Continued*).

Fig. 10. CATHETER, SIMS'.

Fig. 11. DEEP QUILL SUTURE NEEDLES, BROWN'S.

Fig. 12. FORCEPS FOR SEIZING THE EDGES,
THOMAS'.

Fig. 13. TUBULAR NEEDLE, SIMPSON'S.

Fig. 14. TUBULAR NEEDLE, LEFT, SIMPSON'S.

Fig. 15. TUBULAR NEEDLE, RIGHT, SIMPSON'S.

TROCARS FOR TAPPING OVARIAN CYSTS.

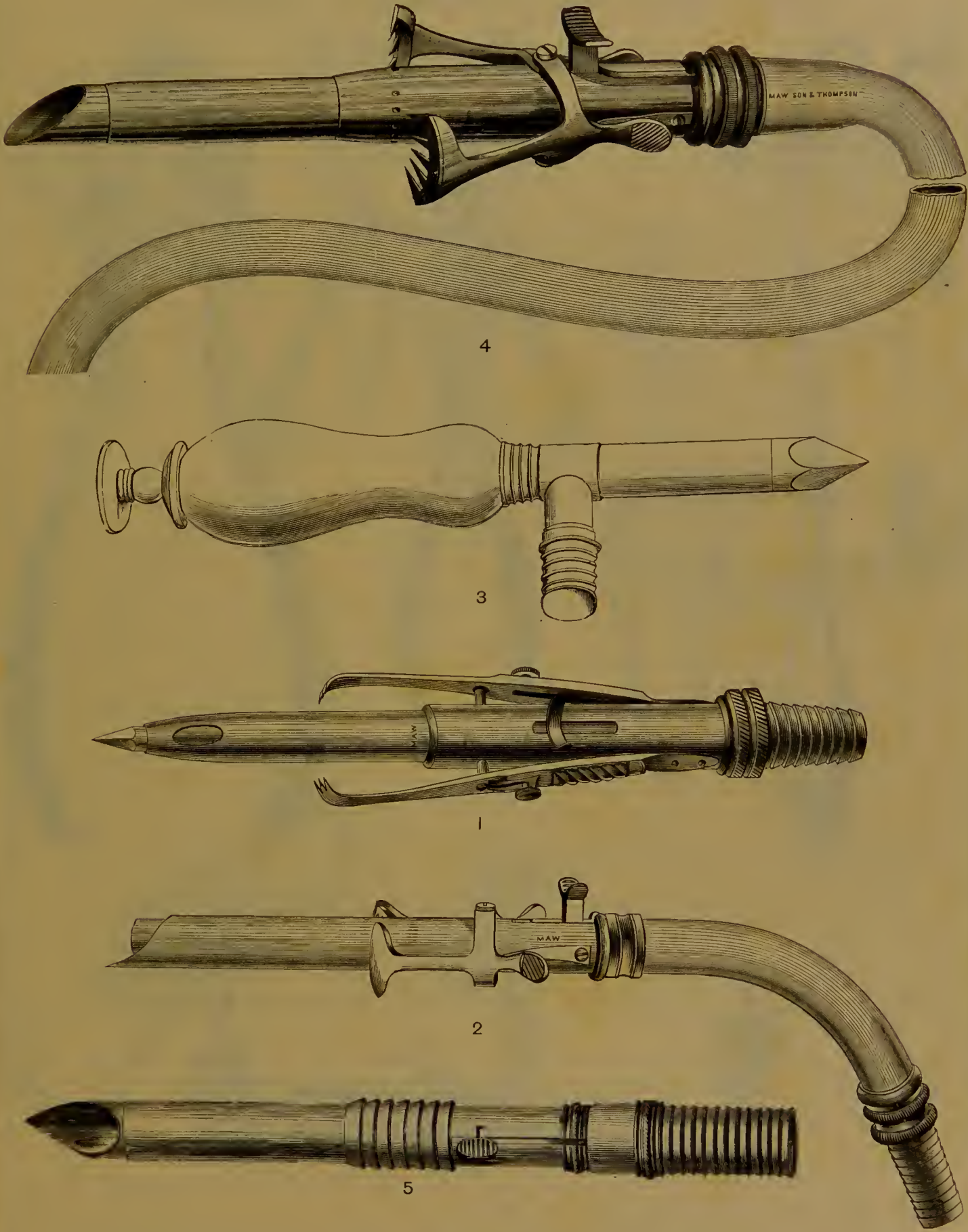


Fig. 1. LAWSON TAIT'S.

||

Figs. 2 to 5. SPENCER WELLS'.

CAUTERY IRONS AND CLAMPS FOR OVARIOTOMY.

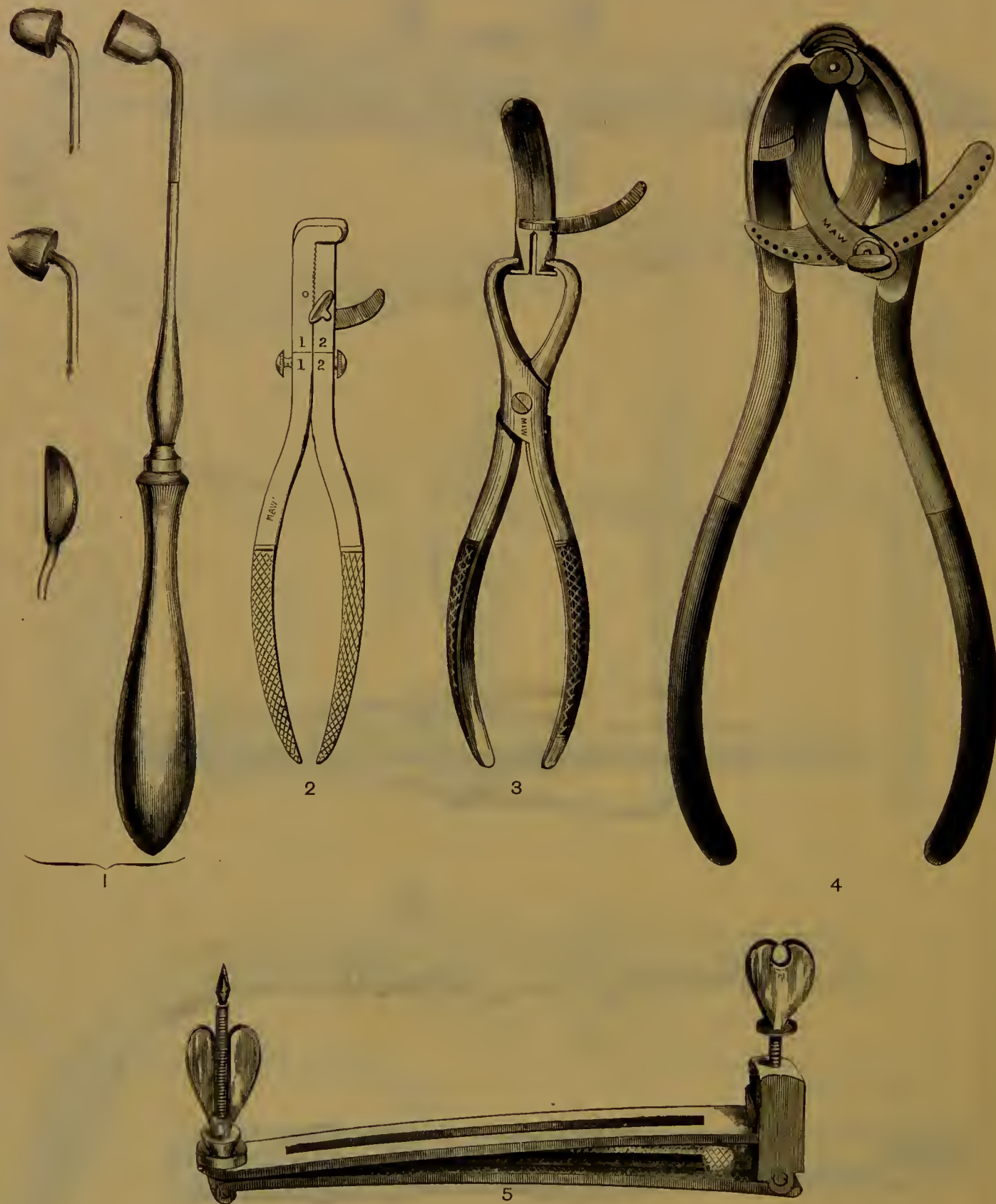


Fig. 1. CAUTERY IRONS.

||

Fig. 2. CLAMP, HUTCHINSON'S.

Figs. 3 to 5. CLAMPS, SPENCER WELLS'.

PESSARIES.

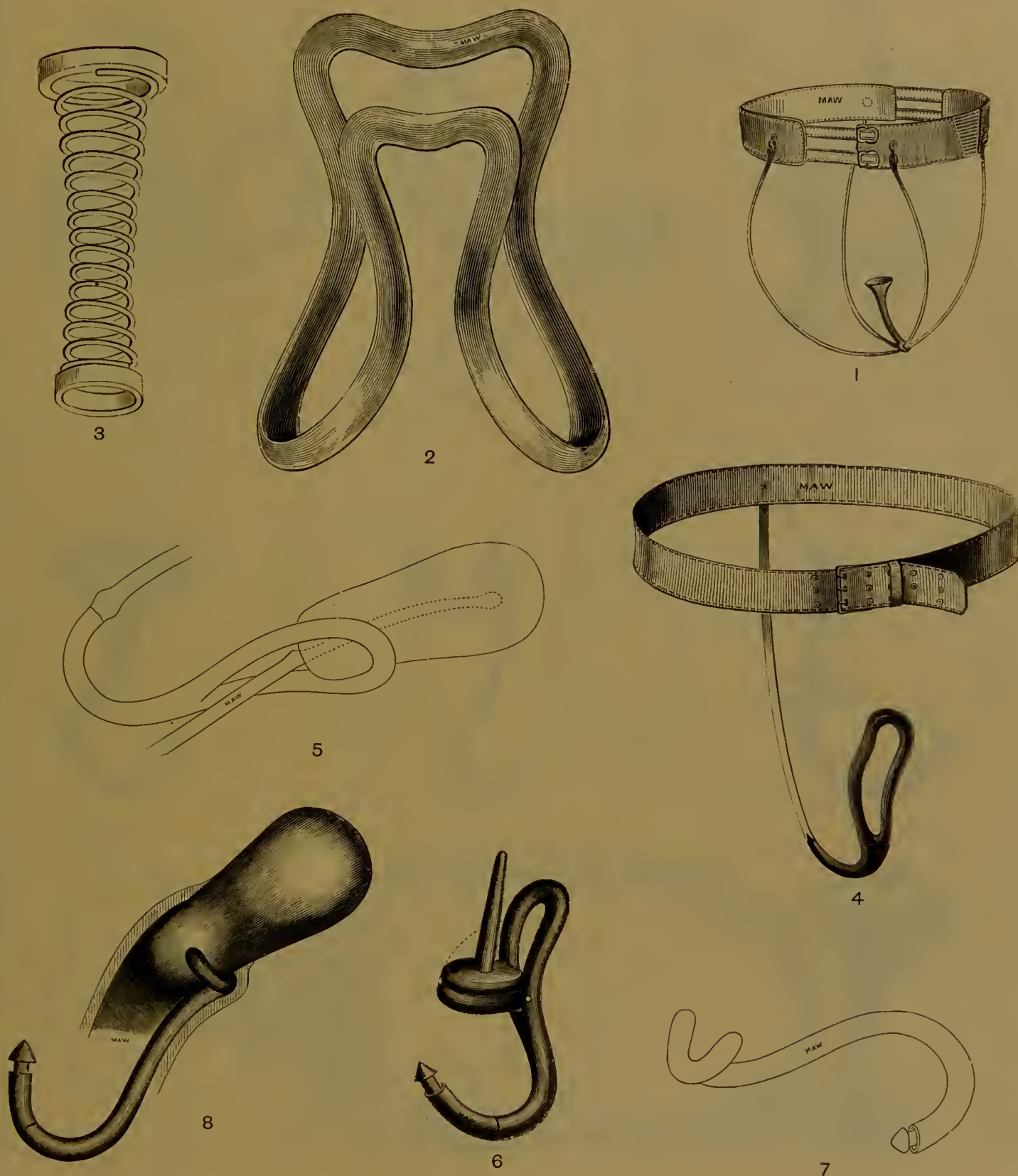


Fig. 1. BARNES'.

Fig. 2. BLACKBEE'S.

Fig. 3. CLAY'S.

Fig. 4. CUTTER'S LOOP (for Anteversion).

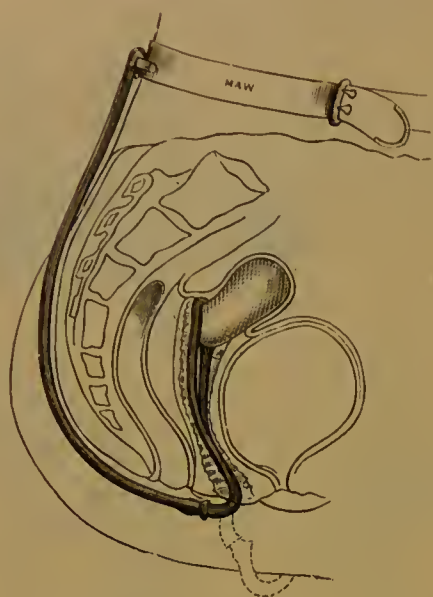
Fig. 5. CUTTER'S LOOP (Fig. shows application for Anteversion).

Fig. 6. CUTTER'S (for Anteversion and Flexion).

Fig. 7. CUTTER'S T STEM.

Fig. 8. CUTTER'S T STEM APPLIED TO UTERUS.

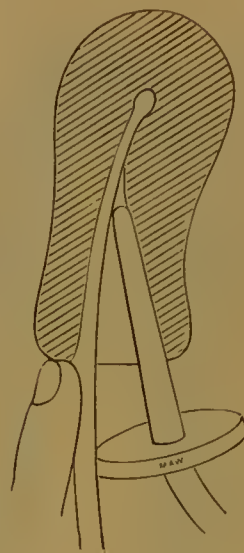
PESSARIES (Continued).



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- Fig. 9. CUTTER'S CUP (for Prolapsus).
 Fig. 10. CUTTER'S LOOP (for Retroversion).
 Fig. 11. CUTTER'S RING (for Prolapsus).
 Fig. 12. CUTTER'S STEM (for Retroflexion).
 Fig. 13. CUTTER'S STEM, MOVABLE DISC (for Retroflexion).

- Fig. 14. CUTTER'S STEM (Fig. shows application for Retroflexion).
 Fig. 15. DUFFIN'S.
 Fig. 16. GARIEL'S, GLOBULAR, WITH PUMP.
 Fig. 17. GARIEL'S, PYRIFORM, WITH PUMP.

PESSARIES (Continued).



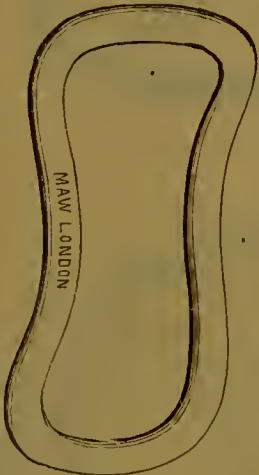
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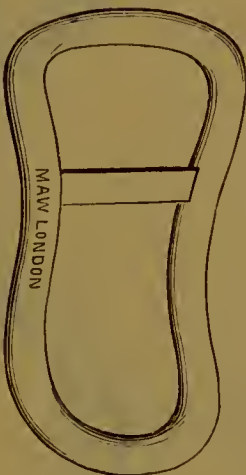
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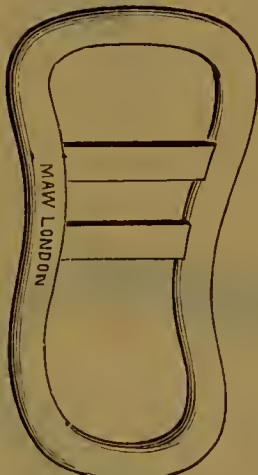
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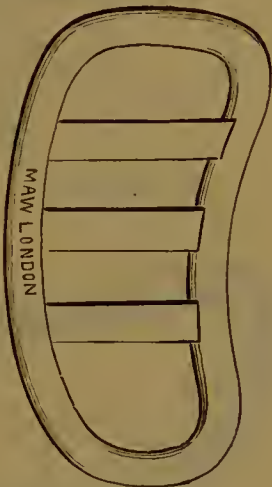
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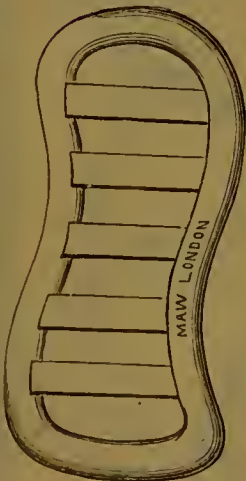
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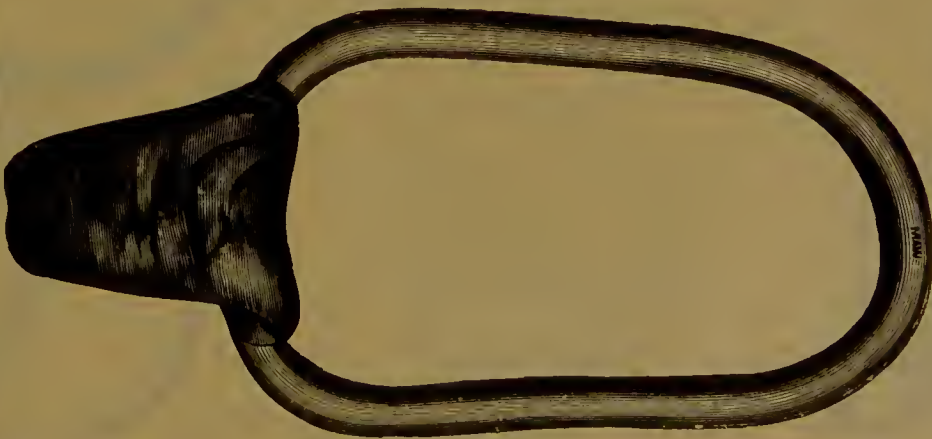
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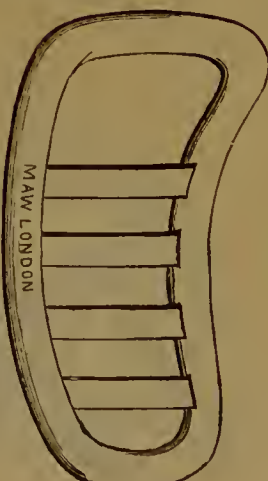
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Fig. 18. GALABIN'S (for Anteversion).
Fig. 19. GALABIN'S (for Prolapsus).
Fig. 20. GLOBULAR.

Figs. 21 } GREENHALGH'S.
to 26. }
Fig. 27. HEWITT'S, IMPROVED.

PESSARIES (Continued).

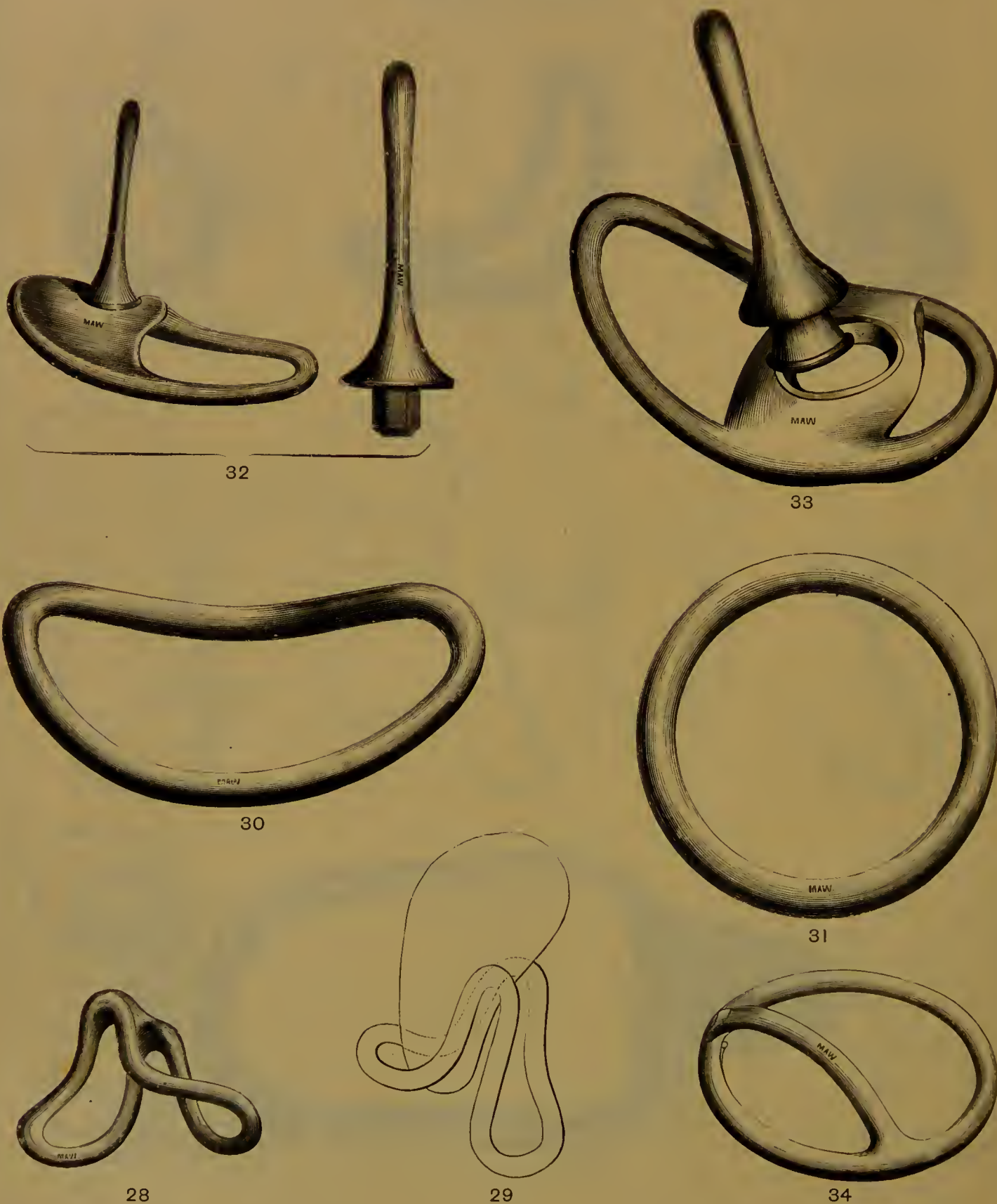


Fig. 28. } HEWITT'S CRADLE.
 Fig. 29. }
 Fig. 30. HEWITT'S LEVER.

Fig. 31. HEWITT'S RING.
 Fig. 32. } HEWITT'S STEM.
 Fig. 33. }
 Fig. 34. HITCHCOCK'S.

PESSARIES (Continued).



Fig. 35. HODGE'S LEVER.
Fig. 36. HODGE'S LEVER, WITH
BAR.
Fig. 37. HODGE'S LEVER, OPEN.
Fig. 38. HURD'S.

Fig. 39. HURD'S.
Fig. 40. NAPIER'S.
Fig. 41. OVAL.
Fig. 42. OVAL, WITH TUBE TO
INFLATE.
Fig. 43. OVIFORM.

Fig. 44. RING, SOFT RUBBER.
Fig. 45. RING, WITH TUBE TO
INFLATE.
Fig. 46. RING, WATCH-SPRING,
WITH SOFT RUBBER
COVERING.

PESSARIES (Continued).

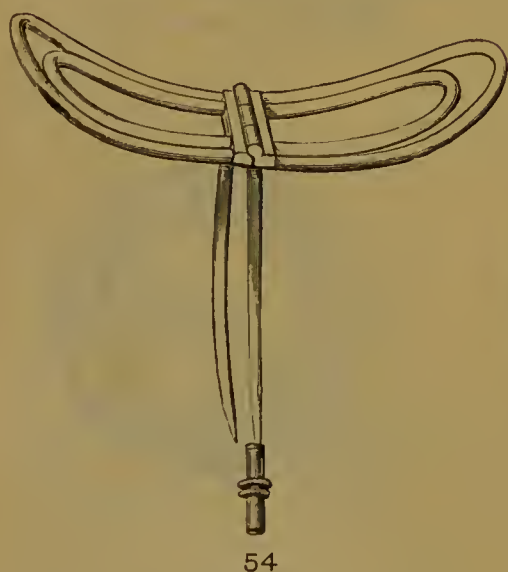
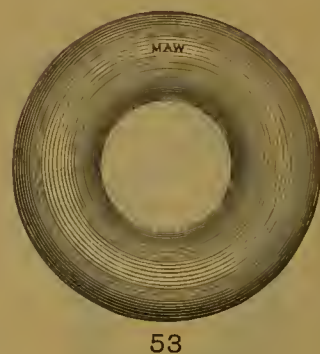
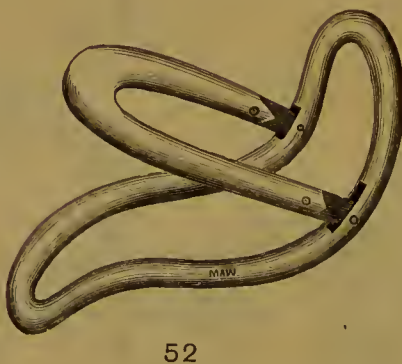
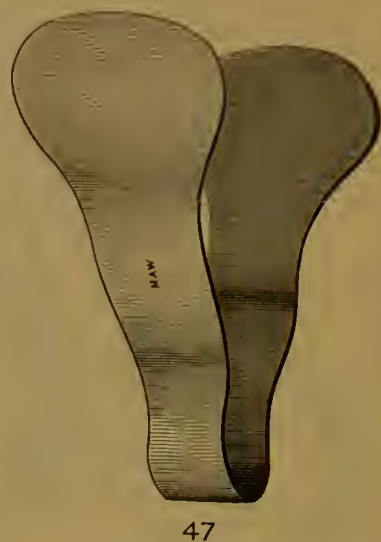
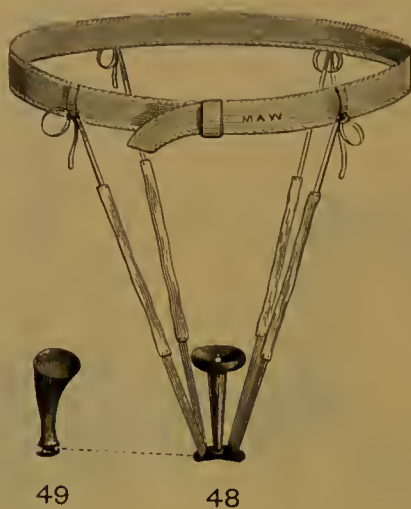
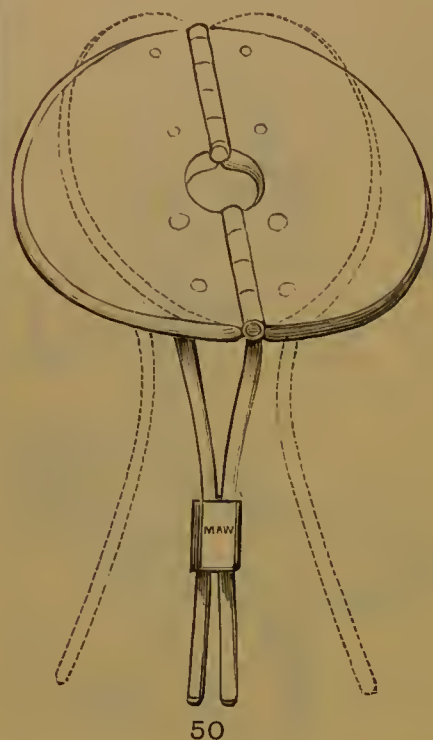


Fig. 47. MAW'S.
 Fig. 48. } SCHOFIELD'S.
 Fig. 49. }
 Fig. 50. SKINNER'S.

Fig. 51. THOMAS', CLOSED.
 Fig. 52. THOMAS', OPEN.
 Fig. 53. WHALEBONE, SOFT
 RUBBER COVERING.

Fig. 54. } ZWANK'S, METAL.
 Fig. 55. }
 Fig. 56. ZWANK'S, VULCANITE.

PESSARIES (Continued).



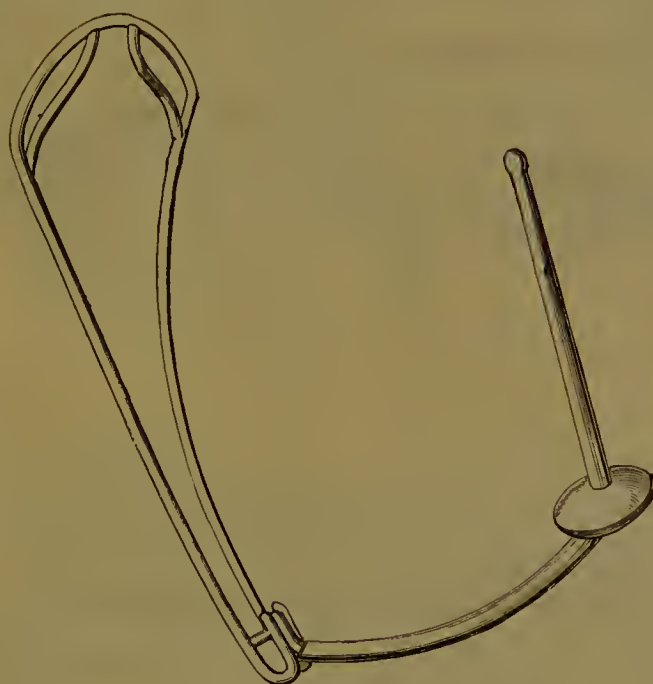
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Fig. 57. BLAKE'S.

Fig. 58. CIRCULAR.

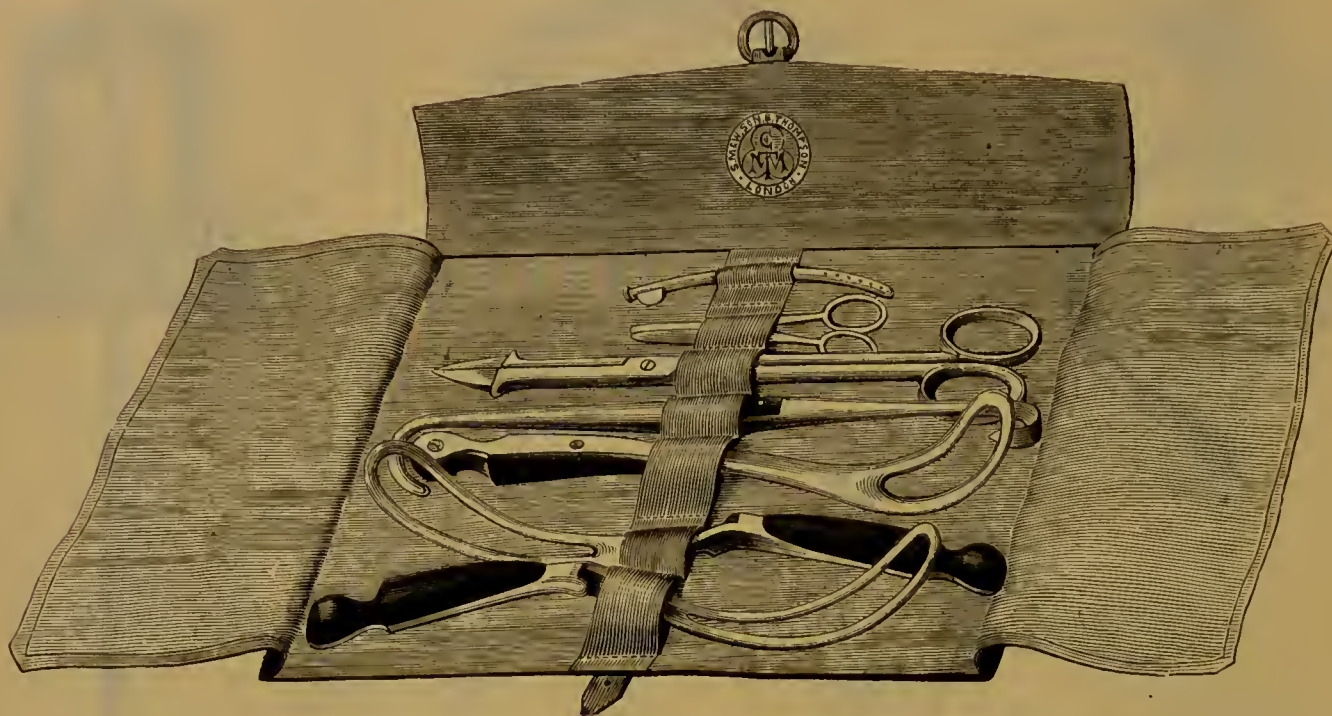
Fig. 59. CUTTER'S (modified by Thomas for Anteversion. The Bar is inflatable to form a Cushion).

Fig. 60. LIVINGSTONE'S (the long Stem, *a*, is withdrawn after introduction).

Fig. 61. MEADOWS'.

Fig. 62. } SIMPSON'S.
Fig. 63. }

OBSTETRIC BAGS AND CASES.



1



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FIG. 1.

CATHETER.
CROTCHET AND BLUNT HOOK.
FORCEPS, SHORT.
PERFORATOR, DENMAN'S.
SCISSORS.
VECTIS.

FIG. 2.

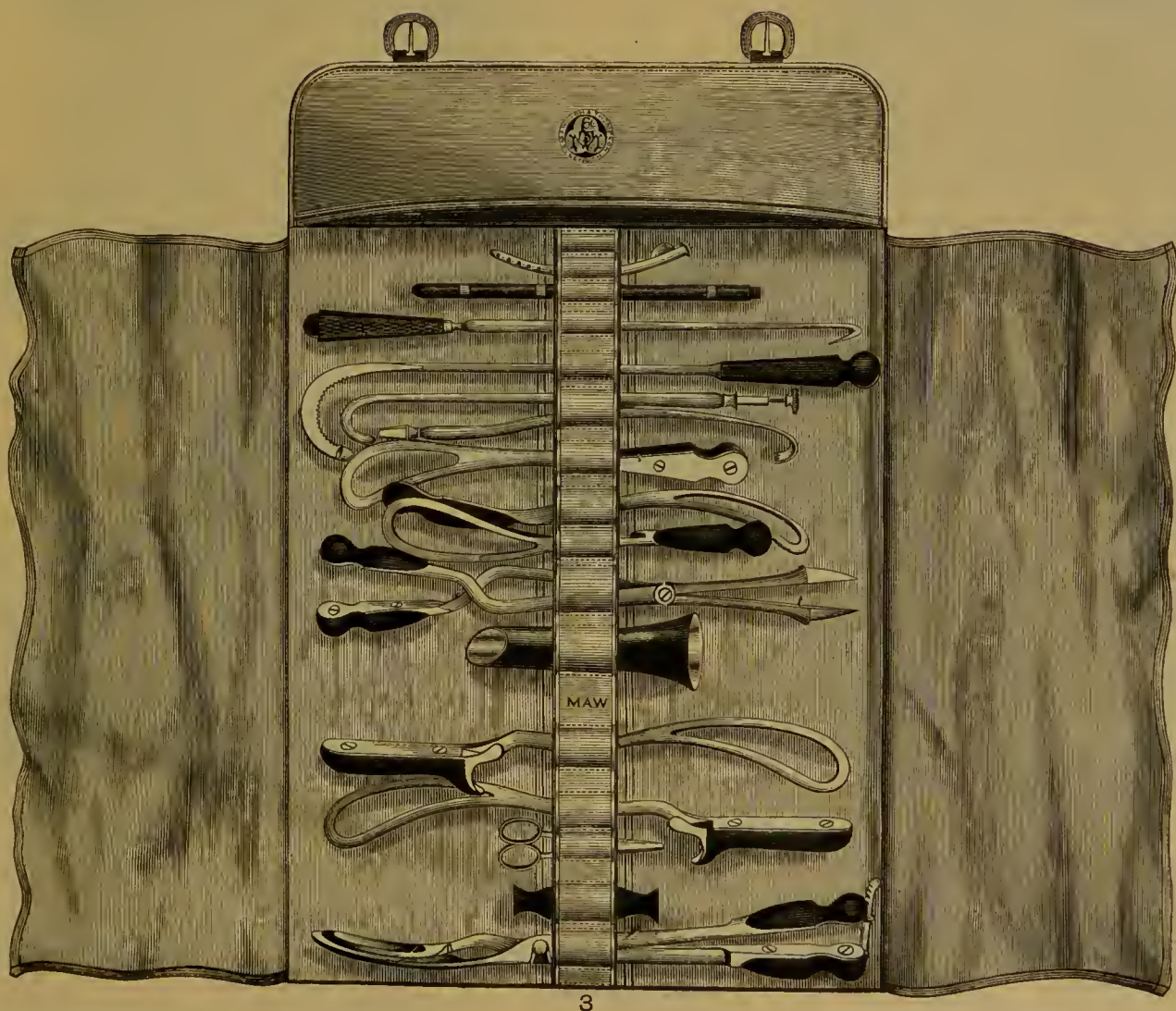
CATHETER.
CROTCHET AND BLUNT
HOOK.
FORCEPS, CRANIOTOMY.

FORCEPS, LONG.
PERFORATOR, DENMAN'S.
SCISSORS.
VECTIS.

OBSTETRIC BAGS AND CASES (*Continued*).



4



3

FIG. 3.

CATHETER.
CAUSTIC, SPONGE-
HOLDER, AND
UTERUS KNIFE.
CROTCHET.

DECAPITATOR.
FORCEPS, CRANIO-
TOMY, BARNES'.
FORCEPS (Two).
HOOK, BLUNT.

HOOK, FINE.
PERFORATOR.
SCISSORS.
SPECULUM.
VECTIS.

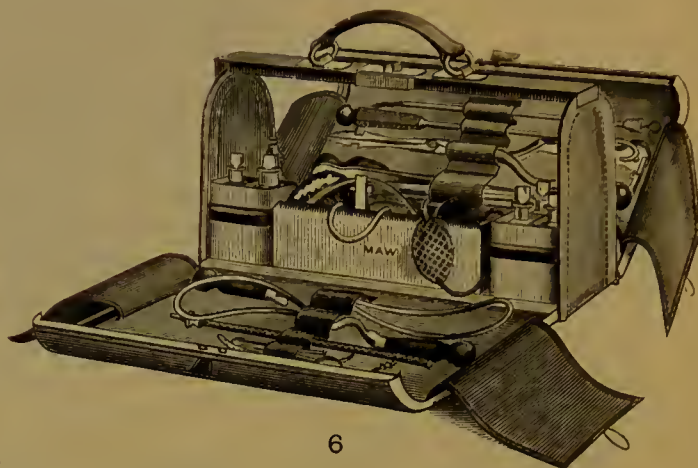
FIG. 4.

BOTTLES (Five).
CATHETER.
CAUSTIC, SPONGE-
HOLDER, AND UTERUS
KNIFE.
CROTCHET.

FORCEPS, CRANIOTOMY.
FORCEPS, LONG.
HOOKS, BLUNT (Two).
PERFORATOR.
SPECULUM, BARNES'.
VECTIS.

OBSTETRIC BAGS AND CASES (*Continued*).

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FIG. 5.—BARNES'.

CATHETER.	GLASS BOTTLES (Six).
CHLOROFORM INHALER, SKINNER'S.	HOOKE, BLUNT.
CROTCHET.	HYDROSTATIC BAGS.
DROP BOTTLE.	PERFORATOR.
FORCEPS, CRANIOTOMY.	QUILL FOR INDUCING
FORCEPS, LONG.	PREMATURE LABOUR.
	SCISSORS.

FIG. 6.—GREENHALGH'S.

BOTTLES (Six).	HOOKE, BLUNT.
CATHETER.	PERFORATOR.
CHLOROFORM INHALER.	SCISSORS.
DROP BOTTLE.	SPRAY APPARATUS,
FORCEPS, CRANIOTOMY.	FOR ETHER.
FORCEPS, LONG.	UTERUS SYRINGE.

FIG. 7.—MAW'S.

AIR PESSARY, INDIA-RUBBER.	NEEDLES & NEEDLE-HOLDER.	SPONGE TENTS.
CATHETER.	OINTMENT CARRIER.	STETHOSCOPE.
CAUSTIC CATHETER.	PESSARIES, GALVANIC STEM.	TENT CARRIER.
CHLOROFORM INHALER.	PESSARIES, HODGE'S.	THERMOMETER.
COTTON WOOL.	PESSARIES, THOMAS'.	TUBE FOR SULPHATE OF ZINC.
ECRASEUR.	SCISSORS.	UTERUS INJECTOR.
ENDOSCOPE.	SILK AND THREAD.	UTERUS KNIFE.
GLASS BRUSH.	SPECULUM.	UTERUS SOUND, METAL.
GLASS ROD.	SPECULUM FORCEPS.	UTERUS SOUND, WHALEBONE.
HOOKE, SIMS'.	SPONGE, ON WHALEBONE STEM.	VAGINA DILATOR, SIMS'.
LAMINARIA TENTS.		
LINT & LINT-HOLDER.		

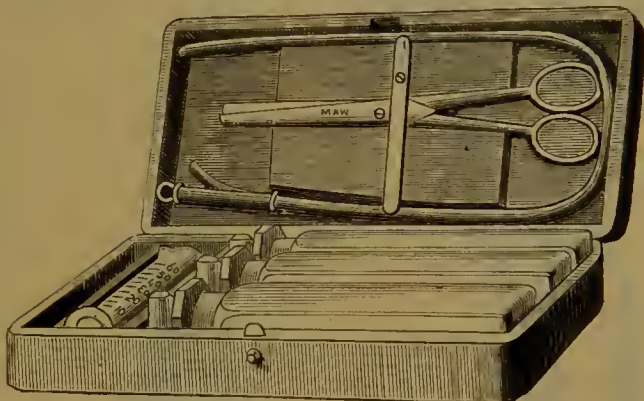
OBSTETRIC BAGS AND CASES (Continued).



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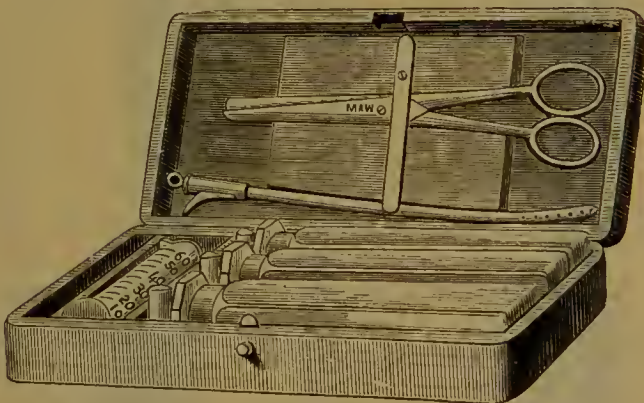
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FIG. 8.—MAW'S.

- | | |
|----------------------|-----------------|
| BOTTLES (Five). | HOOK, BLUNT. |
| CATHETER. | PERFORATOR. |
| CROTCHET. | SCISSORS. |
| FORCEPS, CRANIOTOMY. | UTERUS SYRINGE. |
| FORCEPS, LONG. | |

FIG. 9.—MAW'S.

- | | |
|--------------------|-----------------|
| BOTTLES (Five). | FORCEPS, LONG. |
| CROTCHET AND BLUNT | UTERUS SYRINGE. |
| HOO. | VECTIS. |

FIG. 10.

- | | |
|-------------------|---------------|
| BOTTLES (Three). | SCISSORS. |
| CATHETER, SILVER. | TRACHEA TUBE. |
| MEASURE. | |

FIG. 11.

- | | |
|--------------------|-----------|
| BOTTLES (Three). | MEASURE. |
| CATHETER, ELASTIC. | SCISSORS. |

FIG. 12.

- | | |
|------------------|-----------|
| BOTTLES (Three). | MEASURE. |
| CATHETER, METAL. | SCISSORS. |

OBSTETRIC INSTRUMENTS.



8



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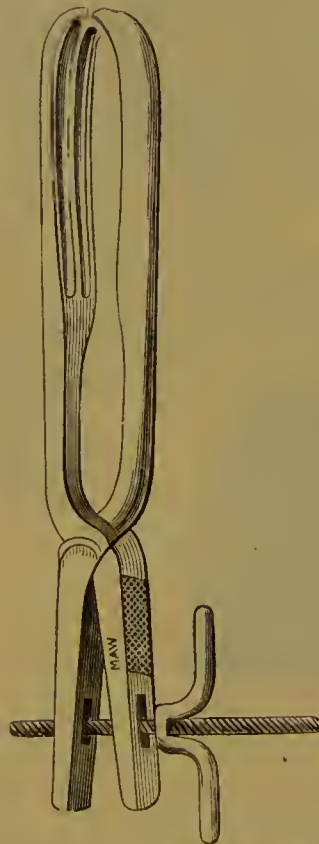
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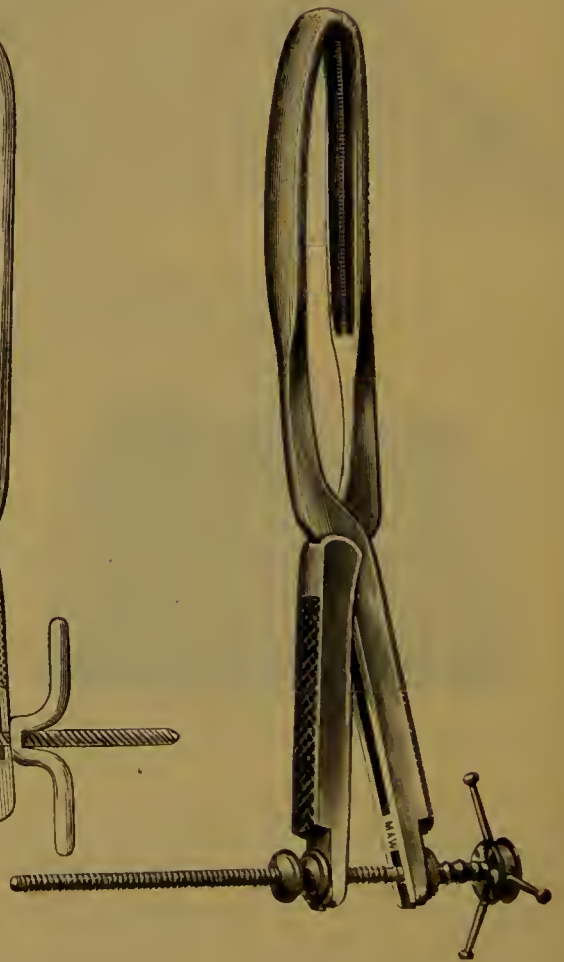
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Fig. 1. CEPHALOTRIBE, WITH FENESTRA.
 Fig. 2. CEPHALOTRIBE, HICK'S.
 Fig. 3. CEPHALOTRIBE, CURVED, KIDD'S.
 Fig. 4. CEPHALOTRIBE, STRAIGHT, KIDD'S.

Fig. 5. CROTCHET AND HOOK.
 Fig. 6. } CROTCHET AND HOOK,
 Fig. 7. } FITTING ONE HANDLE.

Fig. 8. } FORCEPS,
 Fig. 9. } OVUM.
 Fig. 10. }

OBSTETRIC INSTRUMENTS (*Continued*).



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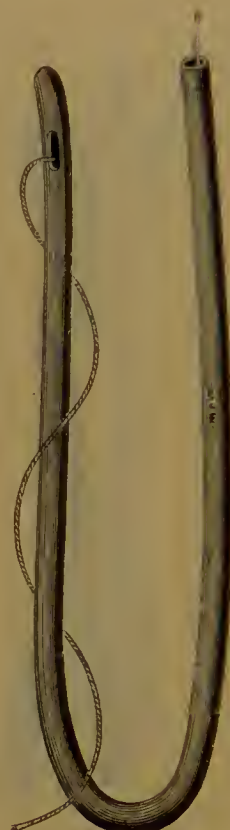
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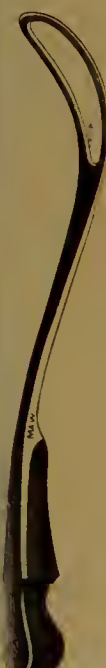
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Fig. 11. CEPHALOMETER.

Fig. 12. BLUNT HOOK.

Fig. 13. FINE HOOK, OLDHAM'S.

Fig. 14. FORCEPS, OVUM.

Fig. 15. FUNIS TUBE,
ROBERTSON'S.

Fig. 16. PELVIMETER, EARLE'S.

Fig. 17. SCISSORS, BLUNT POINTS.

Fig. 18. VECTIS, LEVER'S.

Fig. 19. VECTIS, LOWND'S.

Fig. 20. VECTIS, SYMOND'S.

CRANIOTOMY FORCEPS.



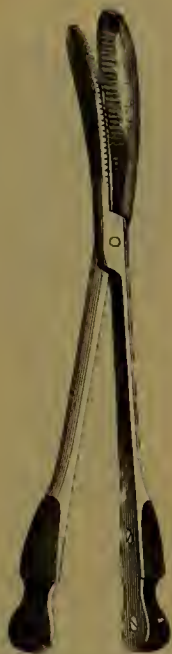
Fig. 1. BARNES'.
 Fig. 2. CHURCHILL'S.
 Fig. 3. DAVIS'.
 Fig. 4. HOLMES'.

Fig. 5. LEE'S.
 Fig. 6. LEVER'S.
 Fig. 7. MATHEWS DUNCAN'S.
 Fig. 8. SIMPSON'S.

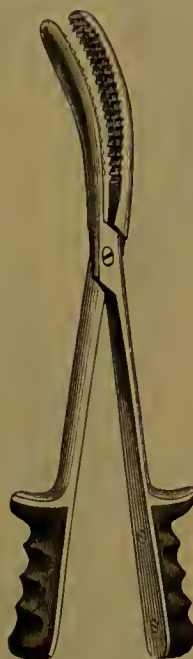
CRANIOTOMY FORCEPS, HOOKS, Etc.



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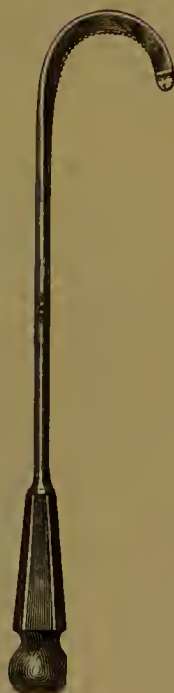
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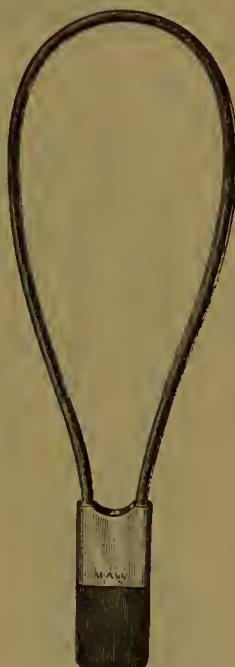
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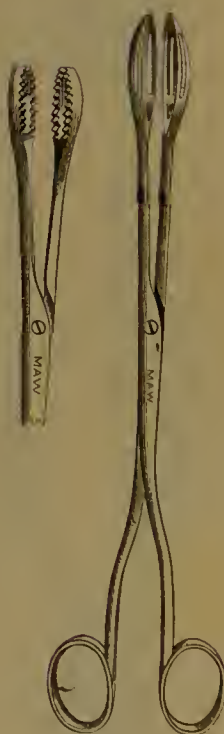
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- Fig. 9. BARNES' IMPROVED.
 Fig. 10. MURPHY'S.
 Fig. 11. PRIESTLEY'S.
 Fig. 12. RAMSBOTHAM'S.
 Fig. 13. WALLER'S.

- Fig. 14. FILLET.
 Fig. 15. FORCEPS, OVUM.
 Fig. 16. HOOK, DECAPITATING, LEVER'S.
 Fig. 17. HOOK, DECAPITATING, RAMSBOTHAM'S.

Fig. 1, page 256, read HALL DAVIS' for BARNES'.

OBSTETRIC FORCEPS.



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Fig. 1. ASSALINI'S.
Fig. 2. BARCLAY'S.
Fig. 3. BARNES'.

Fig. 4. BARNES', WITH MORGAN'S
TRACTORS.
Fig. 5. BRAITHWAITE'S.

Fig. 6. CLARKE'S.
Fig. 7. CLARKE'S, CURVED
HANDLE.

OBSTETRIC FORCEPS (Continued).



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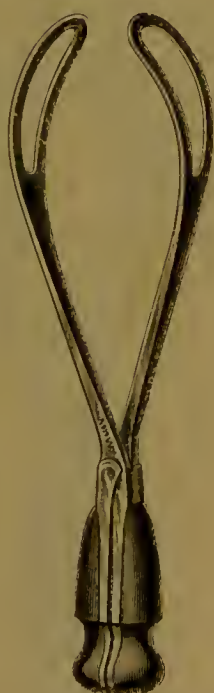
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Fig. 8. BEATTY'S.
Fig. 9. BLUNDELL'S.

Fig. 10. CHURCHILL'S.
Fig. 11. DENMAN'S.

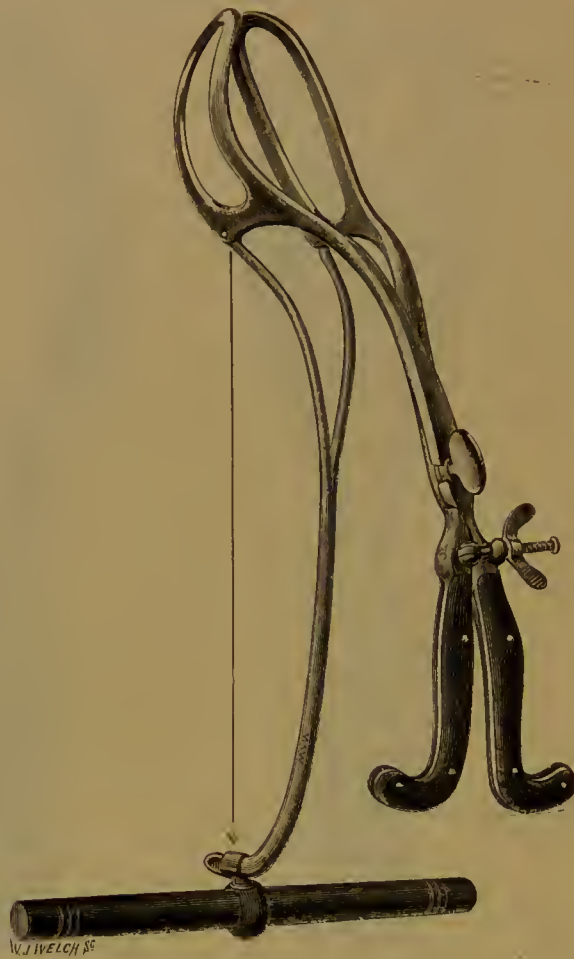
Fig. 12. DRAPER'S.
Fig. 13. GALABIN'S.

Fig. 14. LEVER'S.
Fig. 15. RAMSBOTHAM'S.

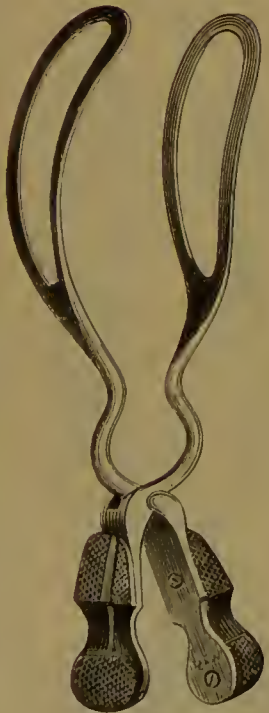
OBSTETRIC FORCEPS (Continued).



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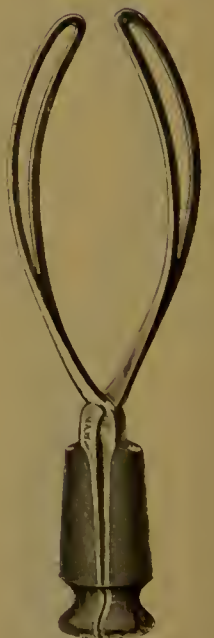
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Fig. 16. GREENHALGH'S.

Fig. 17. HEWITT'S.

Fig. 18. INGLIS'.

Fig. 19. MADDEN'S.

Fig. 20. SIMPSON'S.

Fig. 21. TARNIER'S.

OBSTETRIC FORCEPS (Continued).



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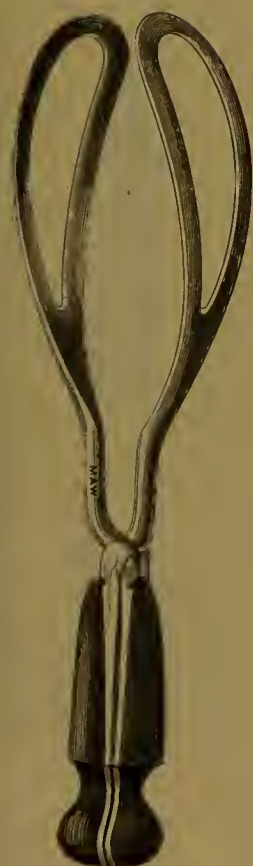
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Fig. 22. MURPHY'S.
Fig. 23. PAGAN'S.

Fig. 24. RIGBY'S.
Fig. 25. SIMPSON'S SHORT.
Fig. 26. VACHER'S.

Fig. 27. WALLER'S.
Fig. 28. ZIEGLER'S.

PERFORATORS.



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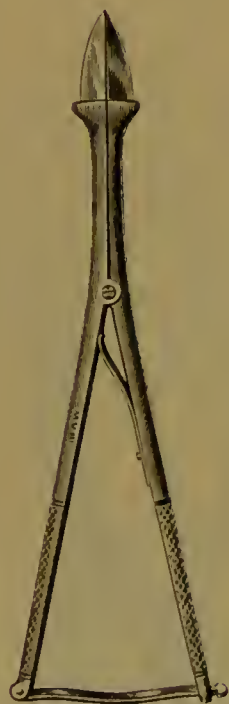
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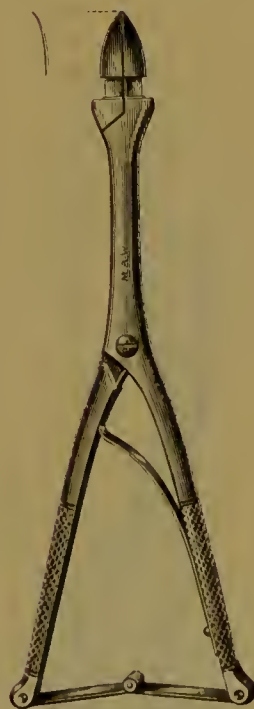
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Fig. 1. DENMAN'S.
 Fig. 2. GREENHALGH'S.
 Fig. 3. HOLMES'.
 Fig. 4. OLDHAM'S.

Fig. 5. RIGBY'S.
 Fig. 6. SIMPSON'S.
 Fig. 7. SMELLIE'S, CURVED.
 Fig. 8. SMELLIE'S, STRAIGHT.

SECTION XI.



DISLOCATION, FRACTURE, AND
DEFORMITY APPARATUS.

CONTENTS OF SECTION XI.

APPLIANCES FOR ARTIFICIAL ARMS, HANDS,
ETC.
APPLIANCES FOR TALIPES.
ARM SLINGS.
ARM SOCKETS.
ARM SPLINTS.
ARTIFICIAL ARMS AND HANDS.
ARTIFICIAL FEET AND LEGS.
BED CLOTHES FRAMES.
BONNET'S SPLINTS.
CHEST EXPANDERS.
CLAVICLE APPARATUS, ELLIS'.
CORK SOLE BOOT.
CRADLES.
CRUTCH STICKS.
CRUTCHES.
DISLOCATION BANDAGES.
DISLOCATION PULLEYS.
ELBOW SPLINTS.
EXCISION APPARATUS.
EXTENSION APPARATUS.
EXTENSION APPARATUS, H. O. THOMAS'.
EXTENSION AND SUSPENSION APPARATUS.
FERGUSSON'S SPLINT FOR FRACTURED PATELLA.
FINGER SPLINTS.
FOOT REST.
FOOT SLING.
HAND SPLINTS.

HUMERUS SPLINTS.
INSTRUMENTS FOR INFANTILE PARALYSIS.
INSTRUMENTS FOR WRITERS' SPASM.
INSTRUMENTS FOR WRY NECK.
JURY MAST FOR POTT'S DISEASE, SAYRE'S.
KNEE SPLINTS.
LEG SPLINTS.
LEG AND THIGH SPLINTS.
LEG SUPPORTS AND BOOTS.
LONSDALE'S SPLINT FOR FRACTURED PATELLA.
MALGAIGNE'S HOOKS FOR FRACTURED PATELLA.
MAW'S APPARATUS FOR FRACTURED NOSE.
MOON'S APPARATUS FOR FRACTURED JAW.
POROPLASTIC APPLIANCES.
POROPLASTIC SPLINTS.
RADIUS SPLINTS.
SAYRE'S APPARATUS.
SAYRE'S TRIPOD AND SUSPENSION APPARATUS.
SPINE APPARATUS.
SPLINTS FOR FRACTURED PATELLA.
STOUT LEATHER CAP FOR DISLOCATED OR FRACTURED PATELLA.
STOUT LEATHER CAP FOR DISLOCATED SHOULDER.
SUPPORTS FOR DISPLACEMENT OF TIBIA.
SUPPORTS FOR INWARD AND OUTWARD CURVATURE.
TENOTOMY SPLINT.
VALGUS PLATE.
VARUS PLATE.

DISLOCATION APPARATUS.

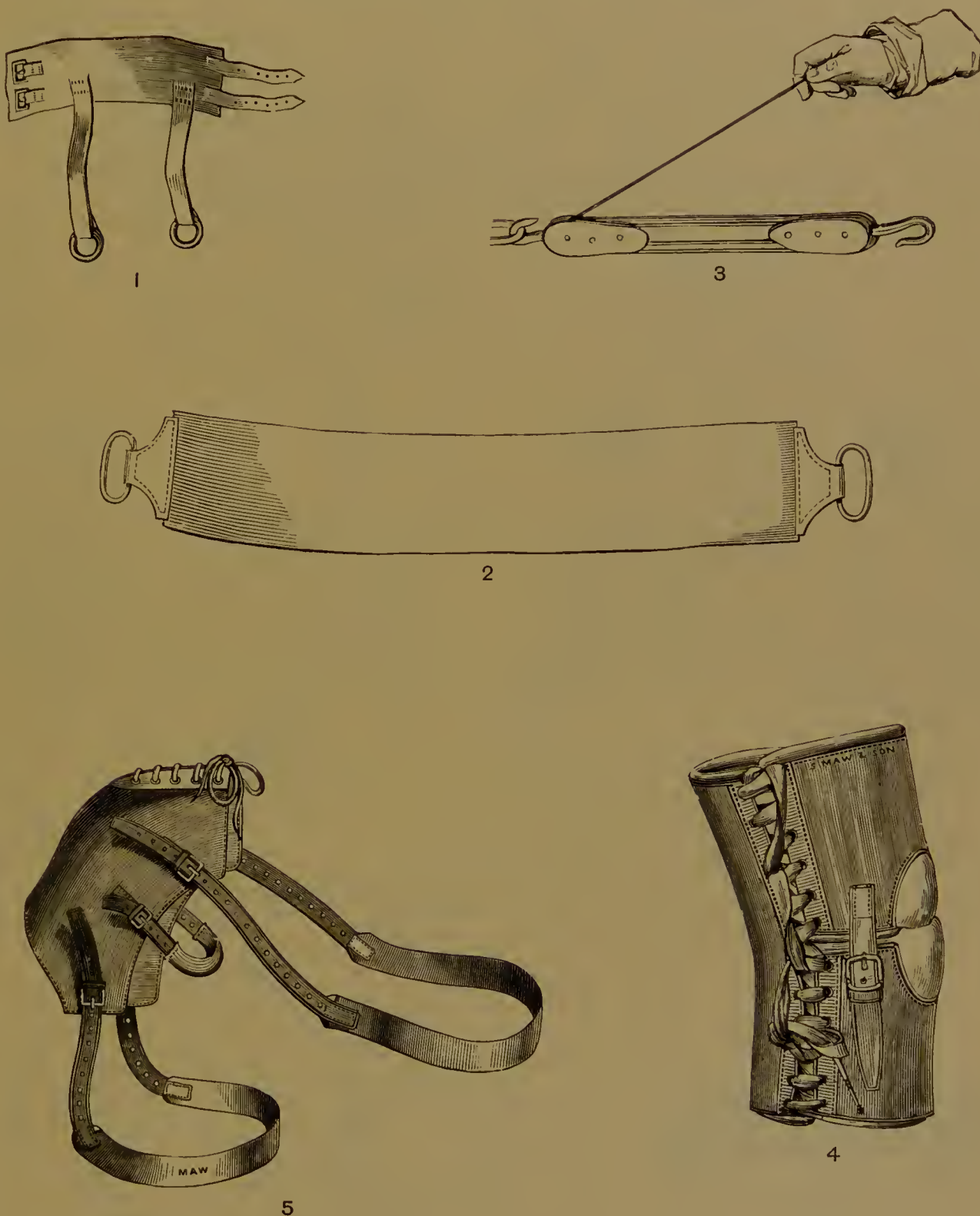
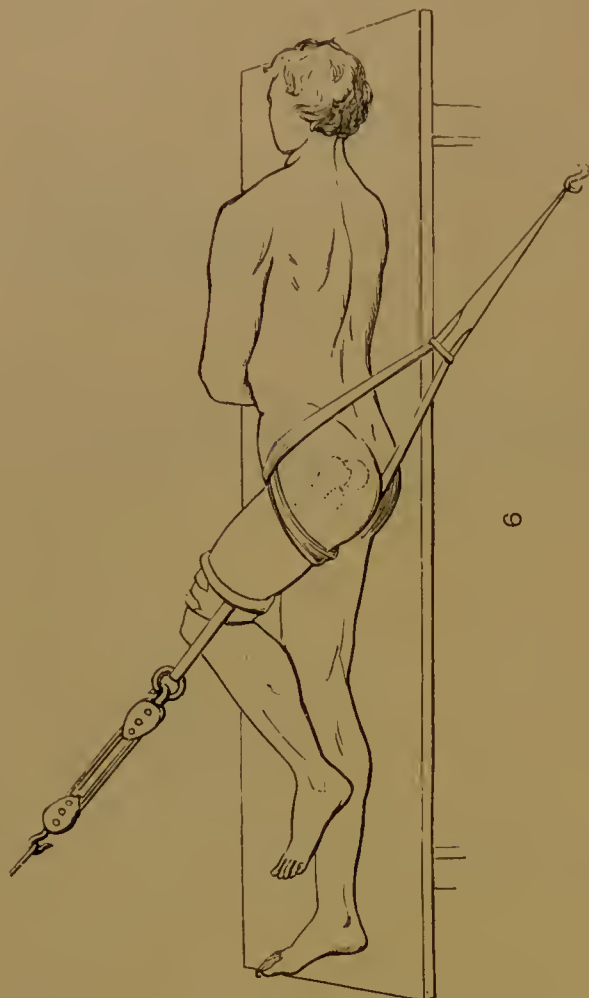


Fig. 1. } BANDAGES FOR USE WITH PULLEYS. (See Illustrations, page 266.)
 Fig. 2. }
 Fig. 3. PULLEYS.
 Fig. 4. STOUT LEATHER CAP FOR DISLOCATED OR FRACTURED PATELLA.
 Fig. 5. STOUT LEATHER CAP FOR DISLOCATED SHOULDER.

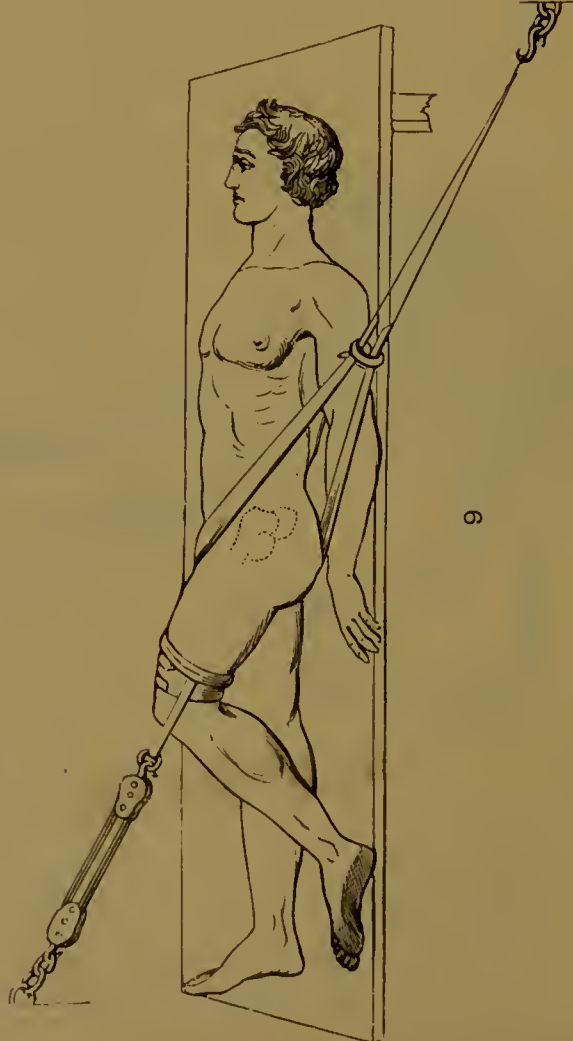
DISLOCATION APPARATUS (Continued).



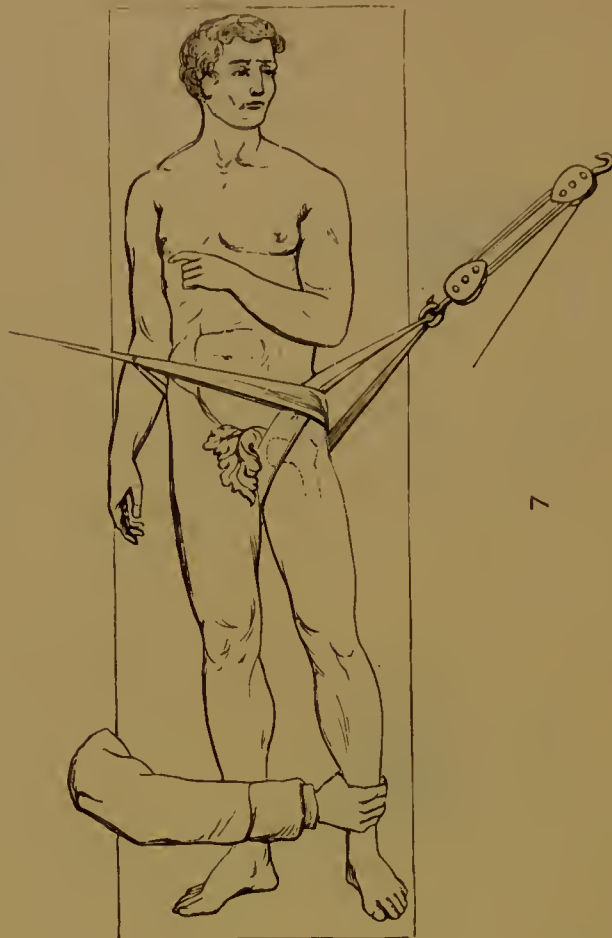
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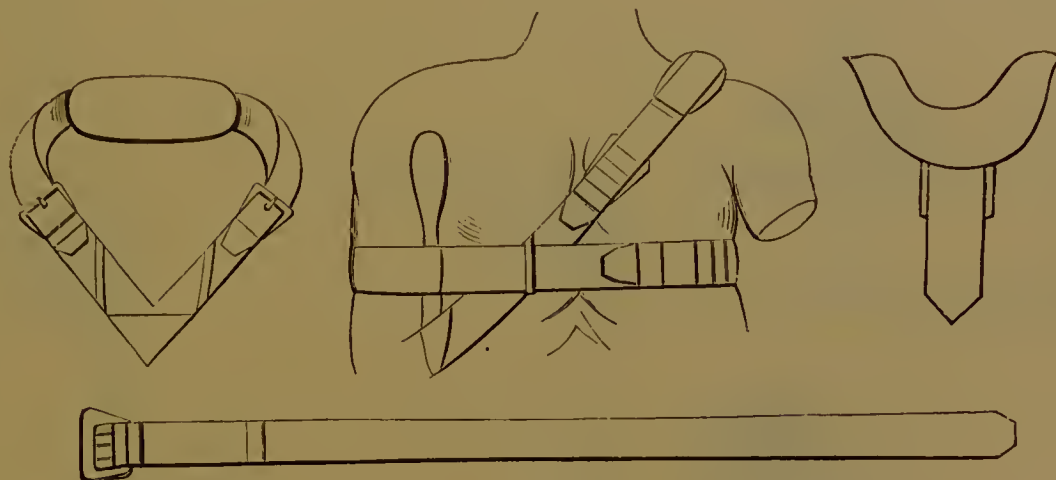


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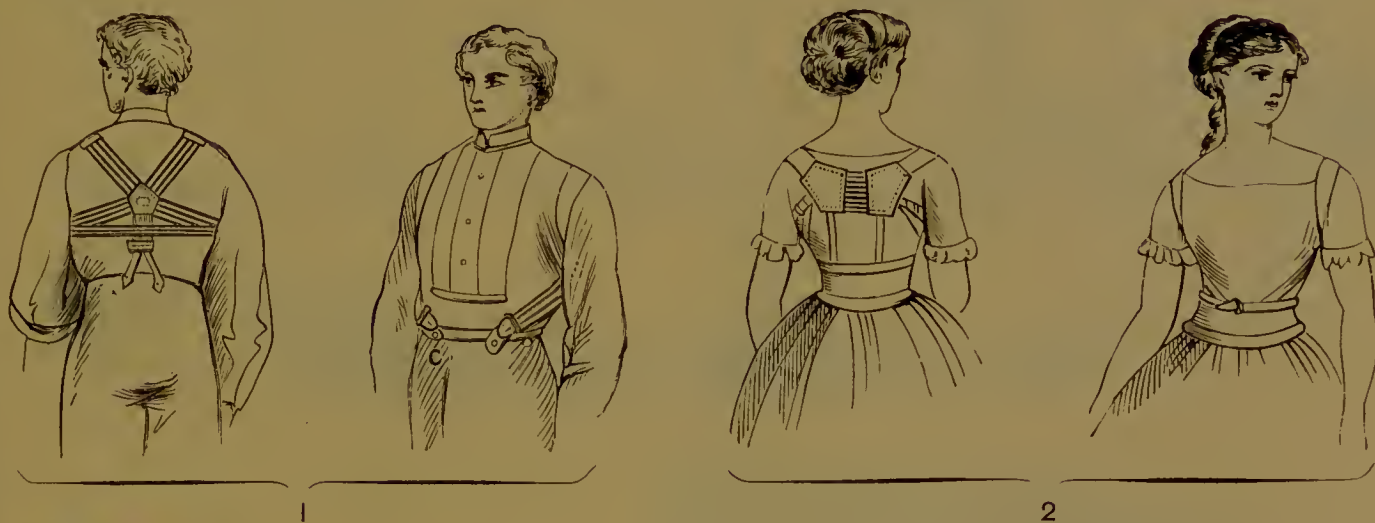
Fig. 8. TO REDUCE A DISLOCATION UPON THE OS PUBIS.
 Fig. 9. TO REDUCE A DISLOCATION OF THE HEAD OF THE FEMUR
 UPON THE DORSUM ILII.

Fig. 6. TO REDUCE A DISLOCATION INTO THE SCIATIC NOTCH.
 Fig. 7. TO REDUCE A DISLOCATION INTO THE FORAMEN OVALE.

CHEST EXPANDERS, CLAVICLE APPARATUS, FOOT SLING, AND REST.

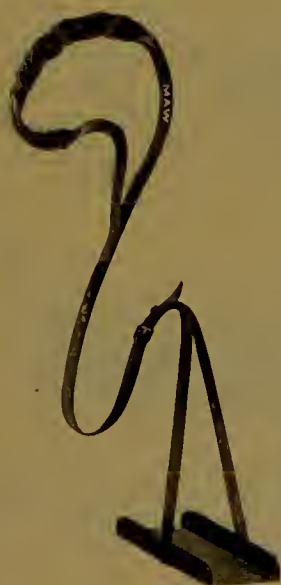


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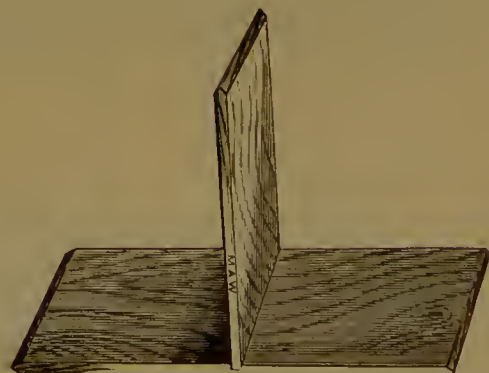
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Fig. 1. CHEST EXPANDER.

Fig. 2. } CHEST EXPANDERS, WITH STEEL PLATES
Fig. 3. } AT BACK.

Fig. 4. CLAVICLE APPARATUS, ELLIS'.

Fig. 5. FOOT REST.

Fig. 6. FOOT SLING.

EXCISION AND EXTENSION APPARATUS.

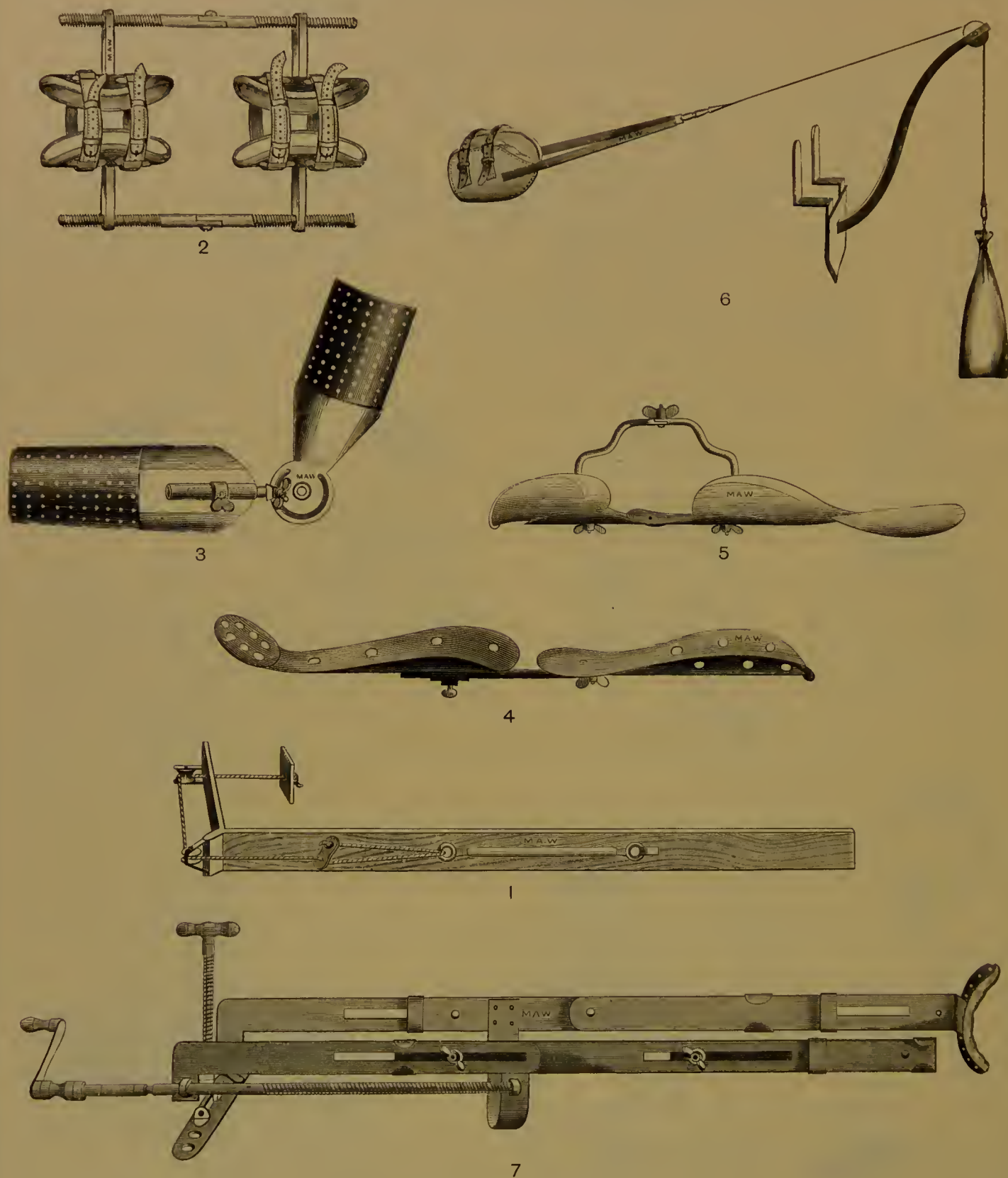


Fig. 1. CAMPBELL DE MORGAN'S, FOR DISEASE OF HIP-JOINT.

Fig. 2. HEATH'S, FOR EXCISION OF ELBOW.

Fig. 3. MASON'S, FOR EXCISION OF ELBOW.

Fig. 4. MASON'S, WITH HAND PLATE, FOR EXCISION OF ELBOW.

Fig. 5. MAW'S, FOR EXCISION OF ELBOW.

Fig. 6. MAW'S, FOR EXTENSION, WITH BRACKET TO FIX ON BEDSTEAD.

Fig. 7. STOKES', FOR EXTENSION.

EXTENSION AND SUSPENSION APPARATUS.

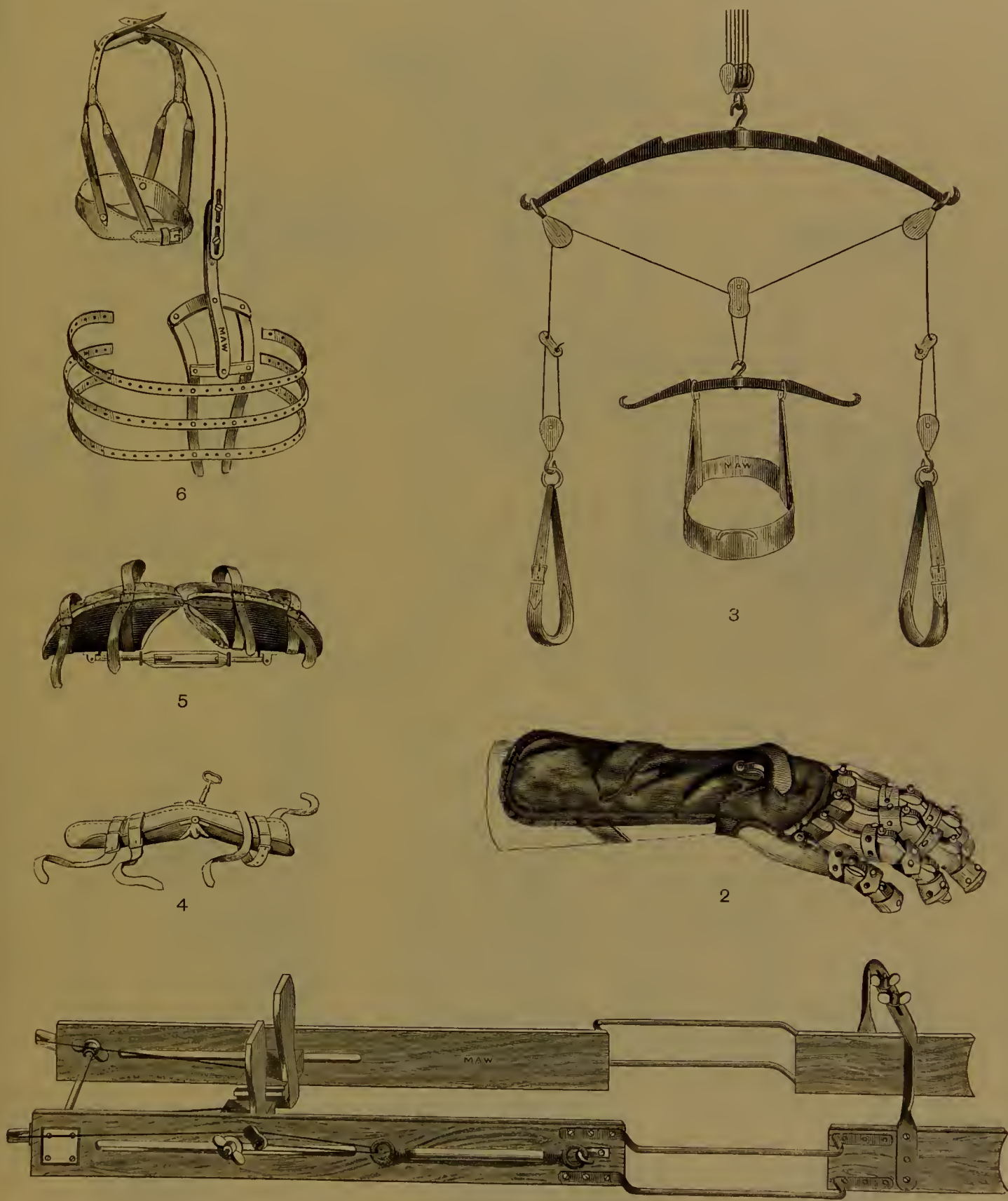


Fig. 1. BRYANT'S SPLINT FOR PARALLEL EXTENSION.

Fig. 2. CONTRACTED FINGER SPLINT.

Fig. 3. GOLDING BIRD'S SUSPENSION APPARATUS.

Fig. 4. KNEE SPLINT, WITH RACK.

Fig. 5. KNEE SPLINT, WITH SCREW.

Fig. 6. SAYRE'S JURY MAST, FOR POTT'S DISEASE OF THE SPINE.

SAYRE'S APPARATUS.

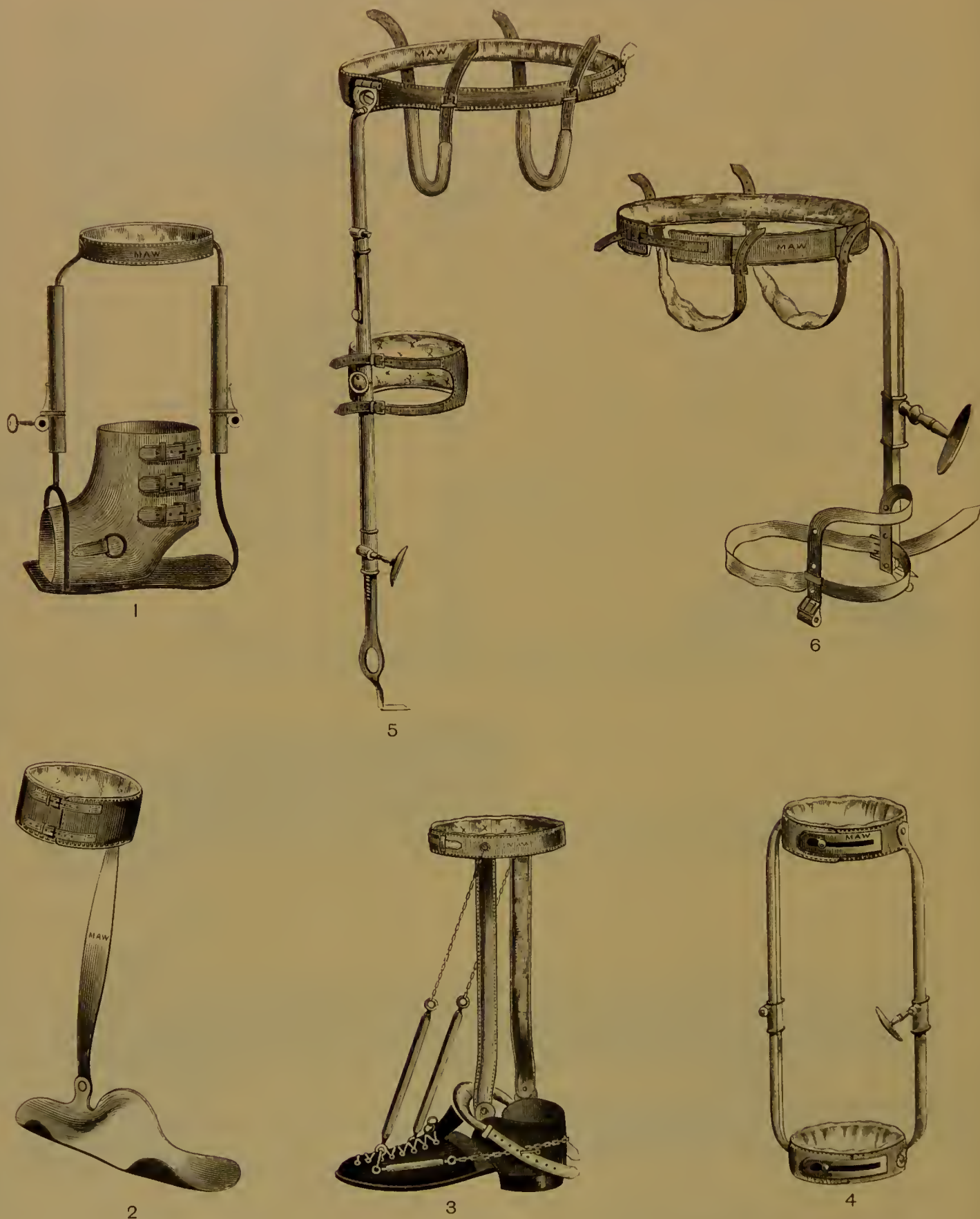


Fig. 1. FOOT SPLINT FOR EXTENSION.

Fig. 2. FOOT SPLINT FOR TALIPES VALGUS.

Fig. 3. FOOT SPLINT FOR TALIPES VARUS.

Fig. 4. KNEE SPLINT FOR EXTENSION.

Fig. 5. SPLINT FOR EXTENSION AND ABDUCTION.

Fig. 6. SPLINT FOR EXTENSION OF HIP.

SAYRE'S APPARATUS (Continued).



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Fig. 7. TRIPOD, PULLEYS, CROSS-BAR, LEATHER BAND FOR CHIN AND OCCIPUT, ETC., FOR SUSPENSION, WHEN APPLYING THE PLASTER OF PARIS JACKET.

H. O. THOMAS' EXTENSION APPARATUS, ETC.

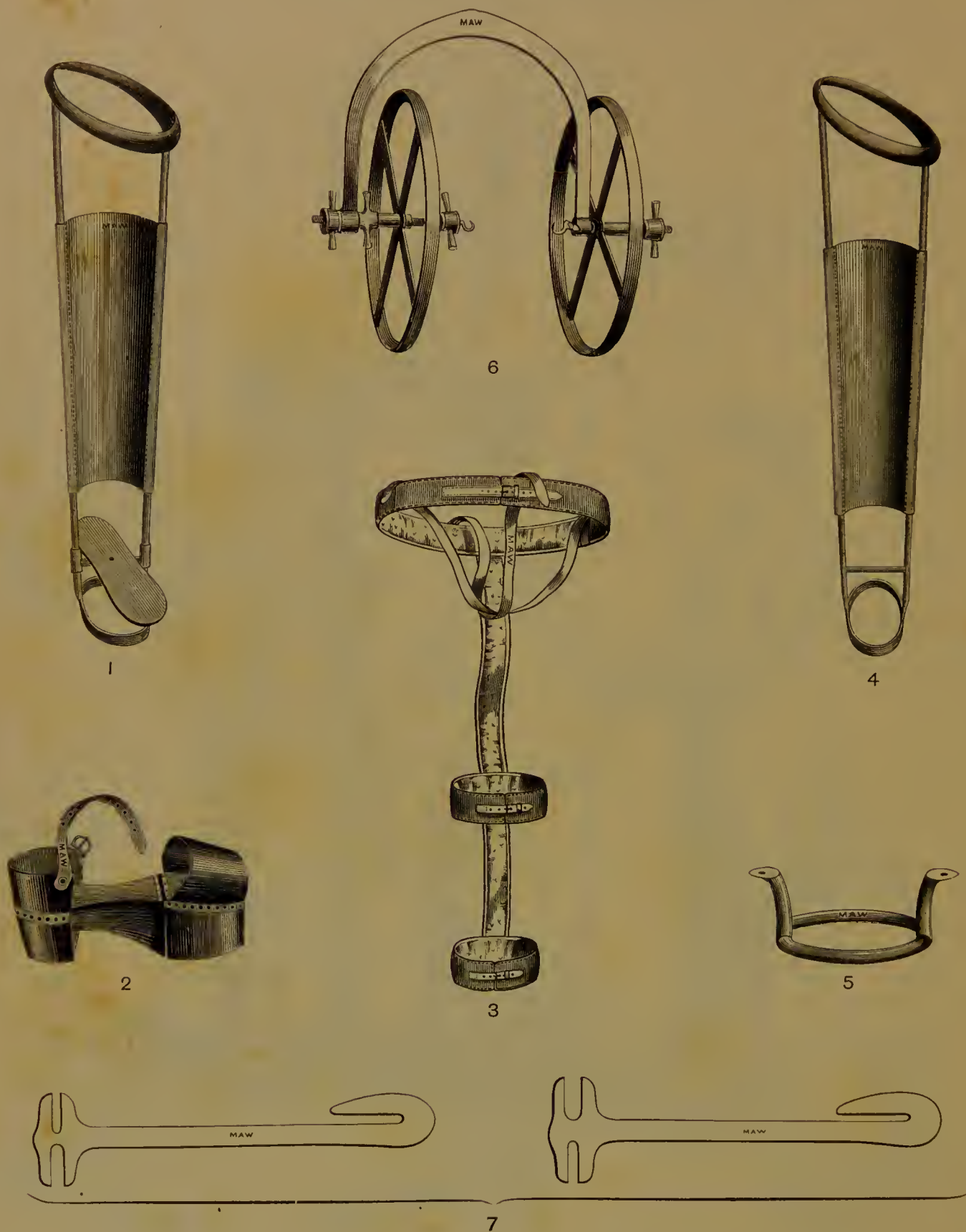
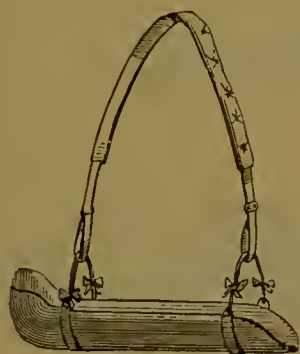


Fig. 1. ANKLE SPLINT, WITH FOOT-PIECE.
 Fig. 2. CLOG.
 Fig. 3. HIP SPLINT, APPLIED POSTERIORLY.
 Fig. 4. KNEE SPLINT, WITHOUT FOOT-PIECE.

Fig. 5. PATTEN.
 Fig. 6. SPLINT CARRIER.
 Fig. 7. WRENCHES.

ARM SLINGS, SPLINTS, AND HOOKS FOR FRACTURED PATELLA.



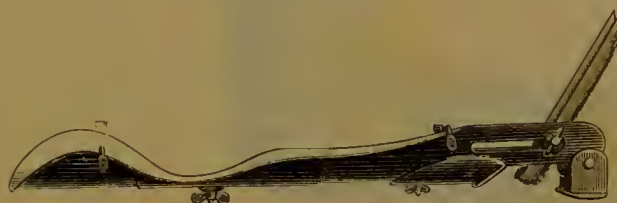
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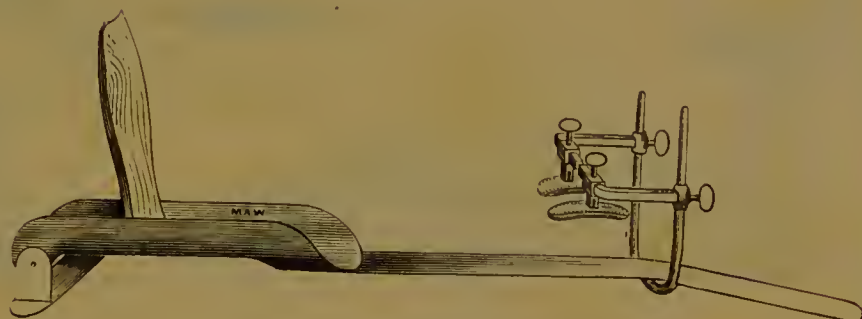
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Fig. 1. ARM SLING, LEATHER, WITH ELBOW.

Fig. 2. ARM SLING, LEATHER, WITHOUT ELBOW.

Fig. 3. ARM SLING, LEATHER, WITH SLIDE FOR ELONGATING.

Fig. 4. ARM SLING, WIRE GAUZE, WITH ELBOW.

Fig. 5. HOOKS FOR FRACTURED PATELLA, MALGAIGNE'S.

Fig. 6. SPLINT FOR FRACTURED PATELLA, FERGUSSON'S.

Fig. 7. SPLINT FOR FRACTURED PATELLA, LONSDALE'S.

ARM, ELBOW, FINGER, HAND, AND RADIUS SPLINTS.

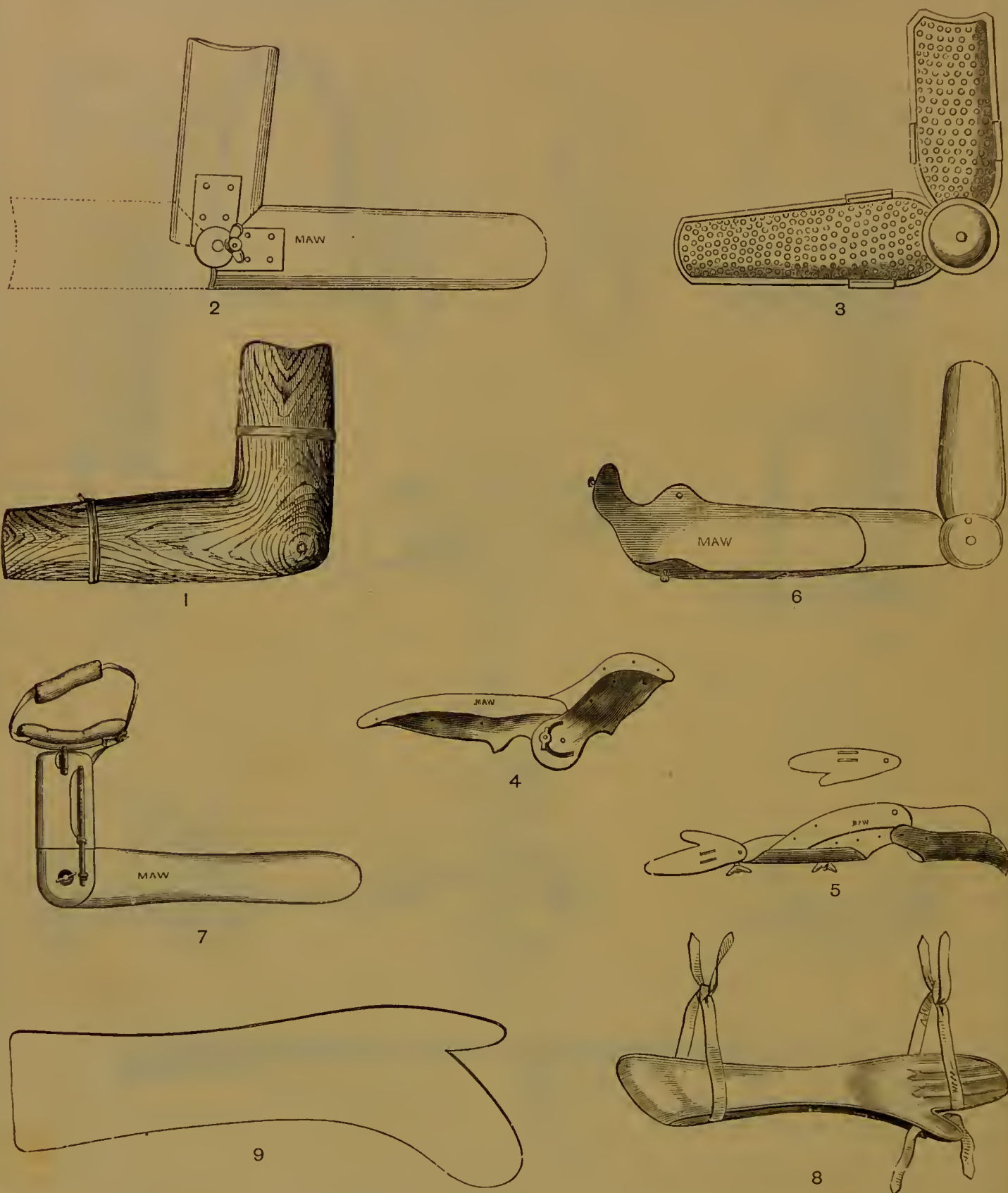


Fig. 1. ARM, WOOD.

Fig. 2. ARM, WOOD, HINGED.

Fig. 3. ARM, ZINC, HINGED.

Fig. 4. ELBOW, WINCHESTER'S.

Fig. 5. ELBOW, WINCHESTER'S, WITH
PLATE FOR RADIUS.Fig. 6. HUMERUS, WITH SLIDE FOR
LENGTHENING THE PLATE.Fig. 7. HUMERUS, WITH AXILLA
PAD AND SHOULDER-
STRAP.

Fig. 8. PEMBERTON'S.

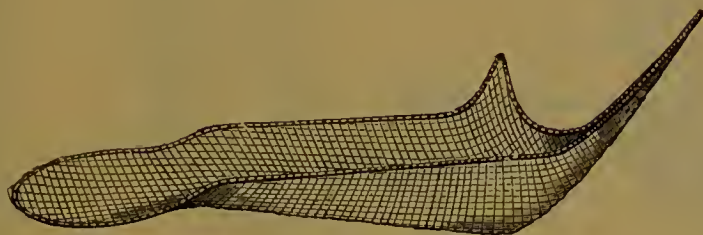
Fig. 9. RADIUS, NÉLATON'S.

ARM, ELBOW, FINGER, HAND, AND RADIUS SPLINTS (*Continued*).

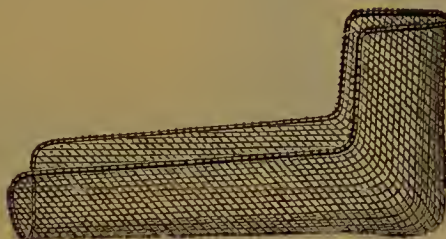
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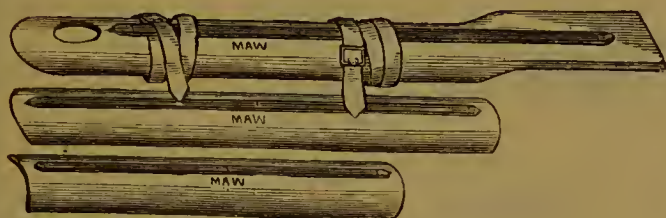
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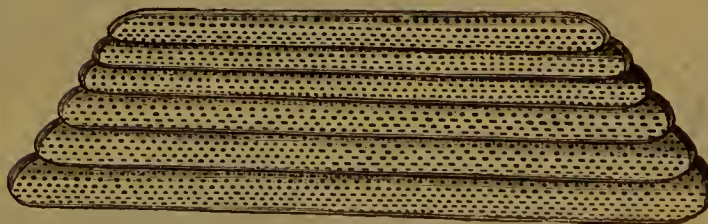
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Fig. 10. ARM, CLINE'S.

Fig. 11. ARM, "CRIMEAN."

Fig. 12. ARM, ZINC.

Fig. 13. ARM, FINGER, HAND, ETC., GOOCH'S LINED.

Fig. 14. ARM, FINGER, HAND, ETC., POTT'S.

Fig. 15. ARM, HAND, ETC., RATAN CANE.

Fig. 16. ELBOW, BONNET'S.

Fig. 17. GORDON'S, FOR COLLES' FRACTURE.

Fig. 18. RADIUS, BONNET'S.

Fig. 19. RADIUS, WATSON'S.

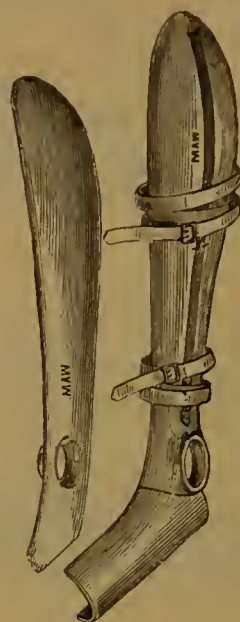
KNEE AND LEG SPLINTS.



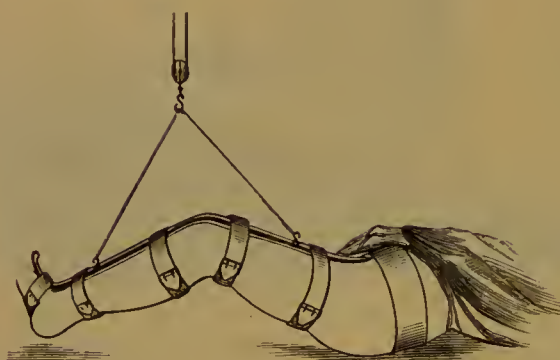
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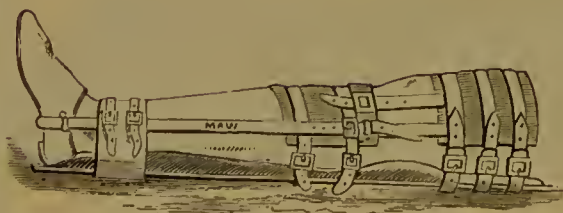
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Fig. 1. AMESBURY'S, FOR TRANSVERSE FRACTURE OF PATELLA.

Fig. 2. CLINE'S, IRON, }
 Fig. 3. CLINE'S, WOOD, } FOR POTT'S FRACTURE.
 Fig. 4. CLINE'S, ZINC, }

Fig. 5. INTERRUPTED KNEE.

Fig. 6. LEG, DUPUYTREN'S, WITH SLIDE HEEL PLATE.

Fig. 7. NATHAN SMITH'S, FOR ANTERIOR SUSPENSION.

Fig. 8. WYATT'S UNIVERSAL.

LEG AND THIGH SPLINTS.

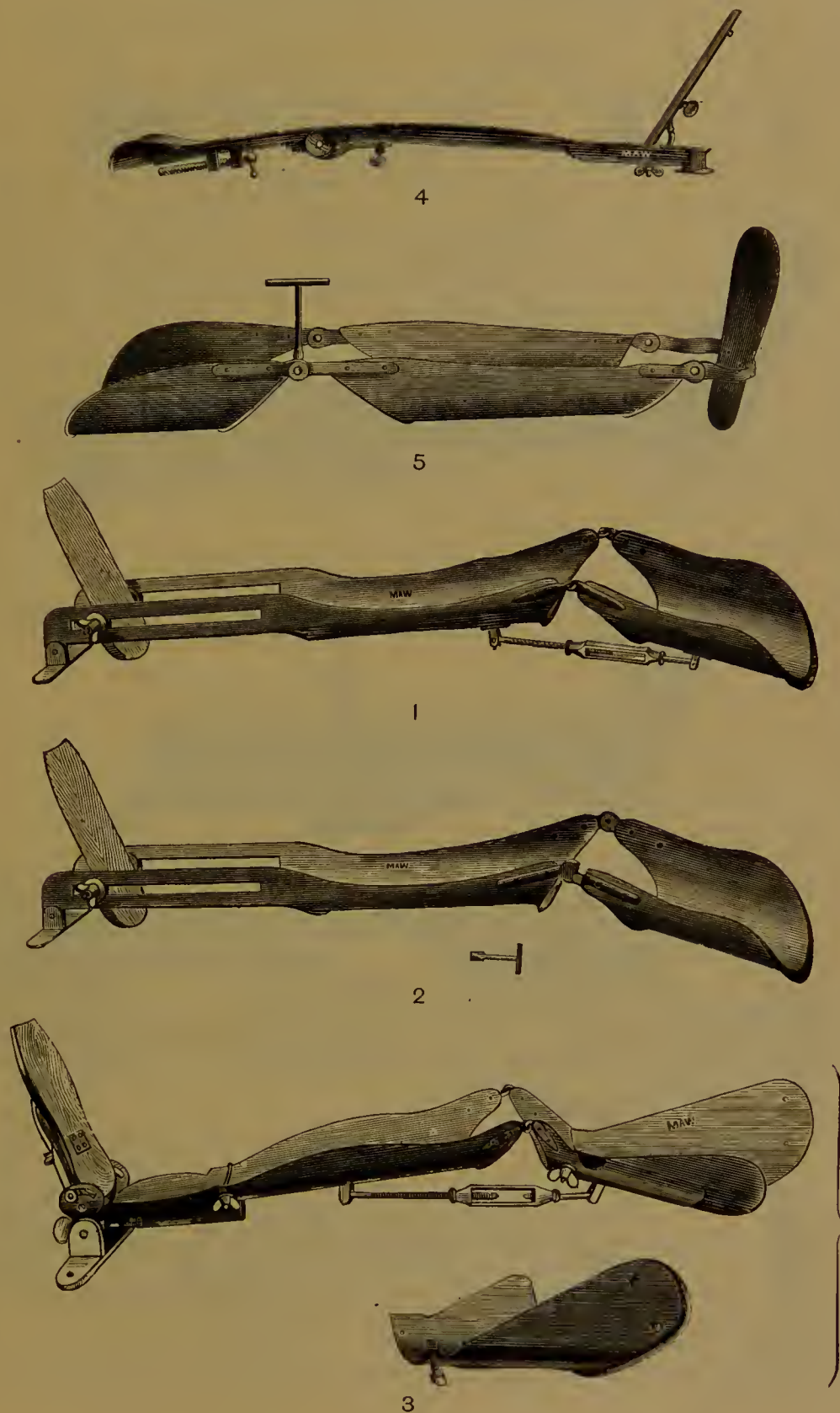


Fig. 1. LISTON'S, WITH ADJUSTING SCREW.

Fig. 2. LISTON'S, WITH RACK.

Fig. 3. LISTON'S, WITH SHIFTING THIGH-PIECES, AND ADJUSTING SCREWS.

Fig. 4. MACINTYRE'S.

Fig. 5. WITH ADJUSTING RACK, USED AT ST. BARTHOLOMEW'S.

LEG AND THIGH SPLINTS (Continued).

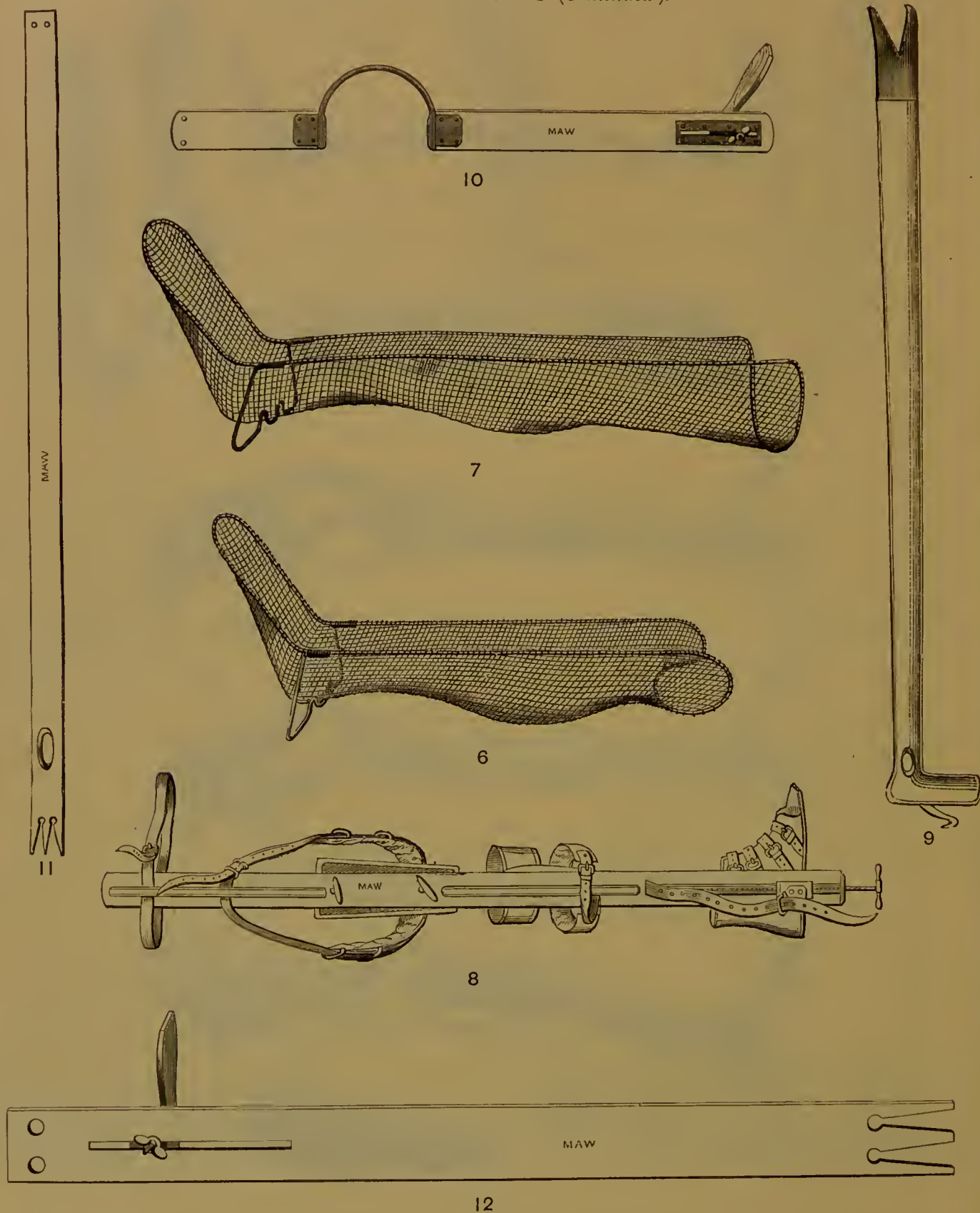
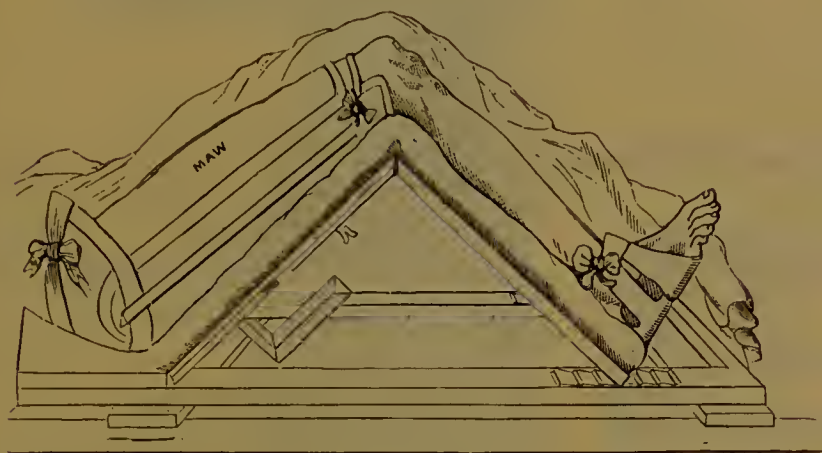
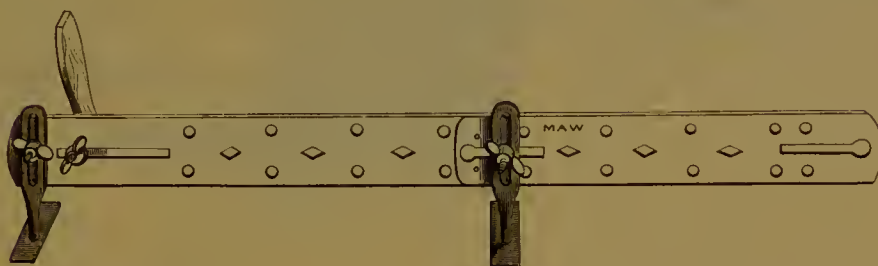


Fig. 6. } BONNET'S.
 Fig. 7. }
 Fig. 8. BULLEY'S.
 Fig. 9. DESAULT'S.

Fig. 10. INTERRUPTED, WITH SHIFTING FOOT-PIECE.
 Fig. 11. LISTON'S.
 Fig. 12. LISTON'S, WITH MOVABLE FOOT-PIECE.

LEG AND THIGH SPLINTS (*Continued*).

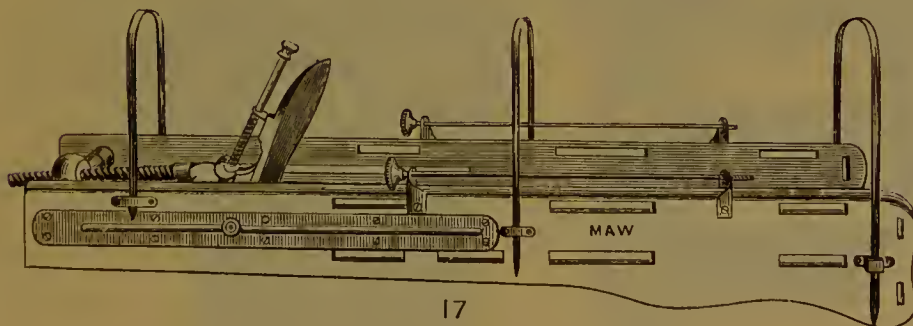
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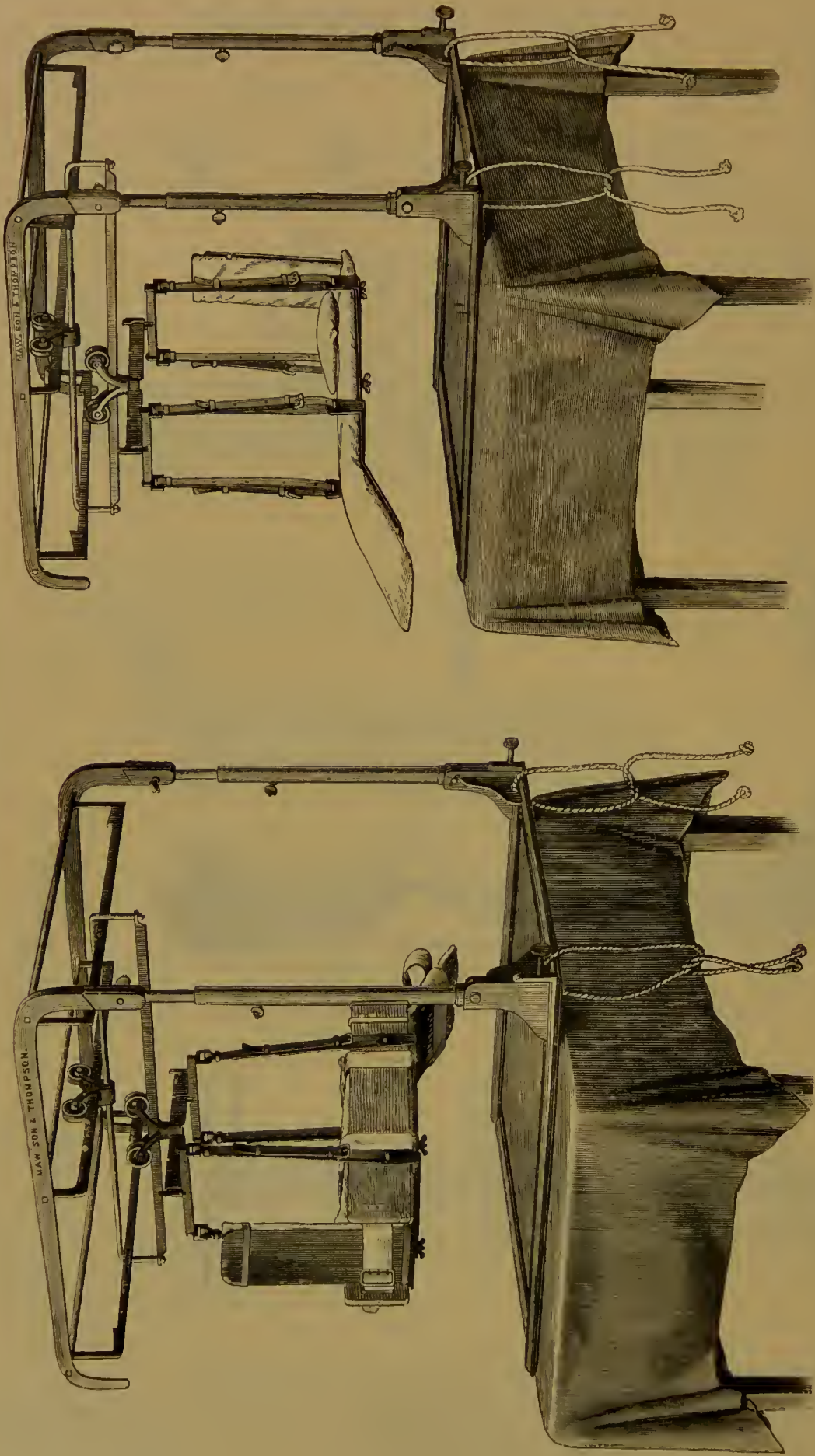
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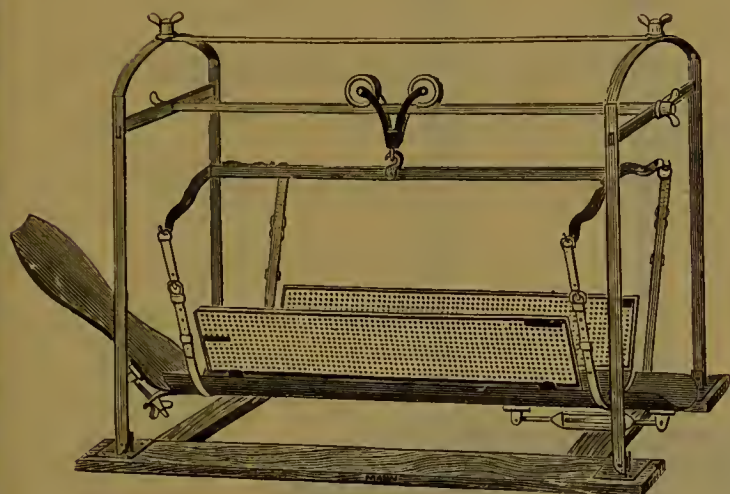
- Fig. 13. AMESBURY'S, FOR FRACTURE OF UPPER PART OF THE FEMUR.
 Fig. 14. BUSK'S, HINGED AT HIP AND KNEE TO ENABLE THE PATIENT TO BE PLACED IN ANY POSITION.
 Fig. 15. FERGUSSON'S, WITH SCREWS FOR ELONGATING.
 Fig. 16. LISTON'S, WITH SLIDING THIGH-PIECE, HEEL PLATE, AND ADJUSTING SCREWS.
 Fig. 17. THOMAS', FOR OBLIQUE FRACTURE OF THE TIBIA.

CRADLES.

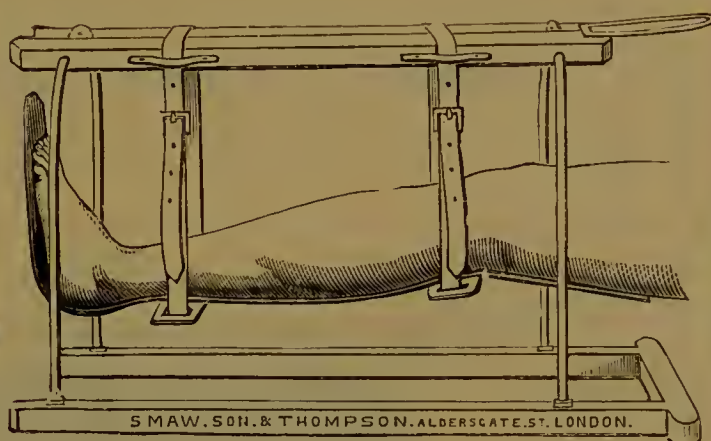


Figs. 1, 2. GREENWAYS.

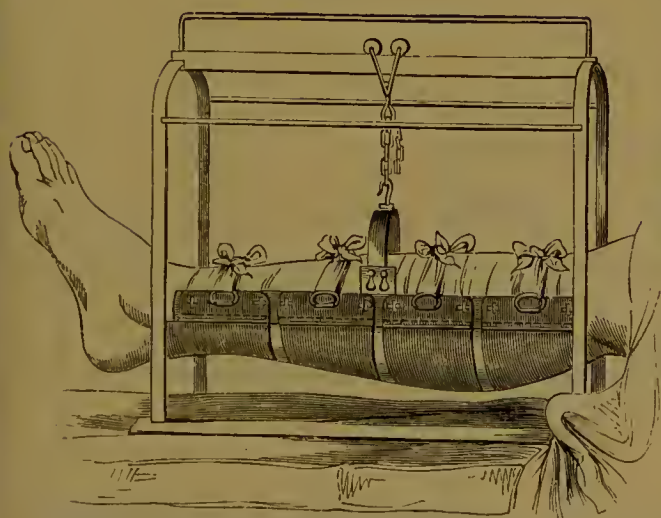
CRADLES (Continued).



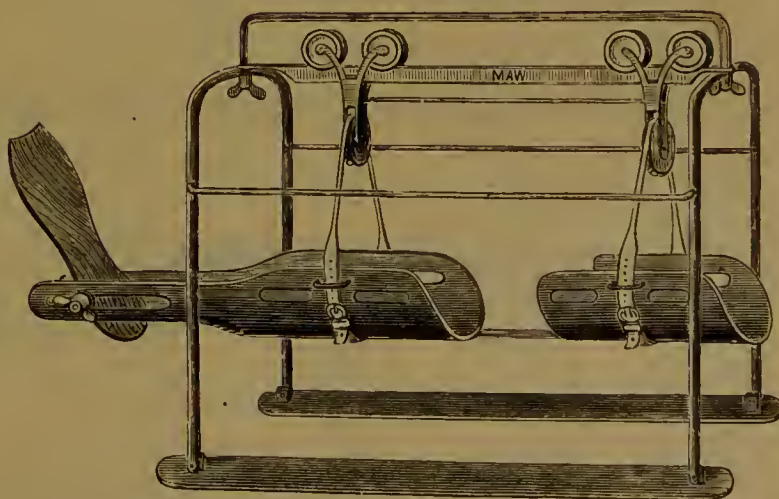
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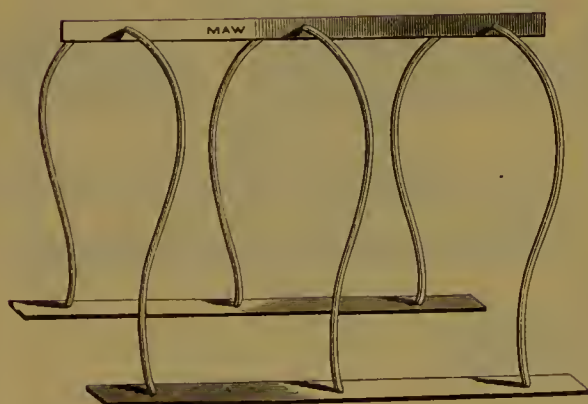
Fig. 3. GREENSLADE'S.

Fig. 4. LAWRENCE'S.

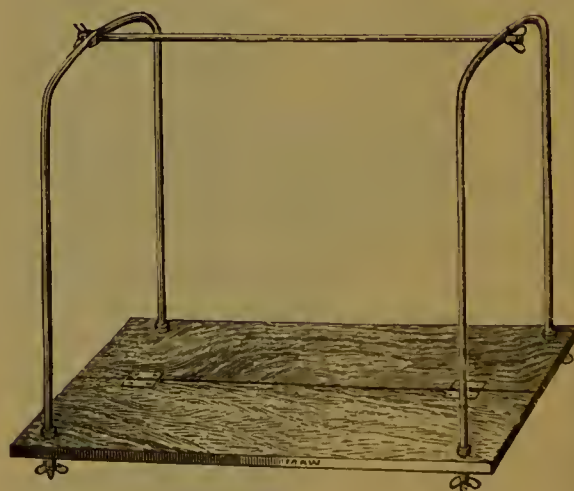
Fig. 5. SALTER'S.

Fig. 6. TURNER'S.

BED CLOTHES FRAMES.



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Fig. 1. GREENWAY'S. (The Bottom Frame, *a*, is placed between the Mattress and Bed.)

Fig. 2. IRON, JAPANNED.

Fig. 3. LUKE'S. (Made to fold up.)

CRUTCH STICKS AND CRUTCHES.

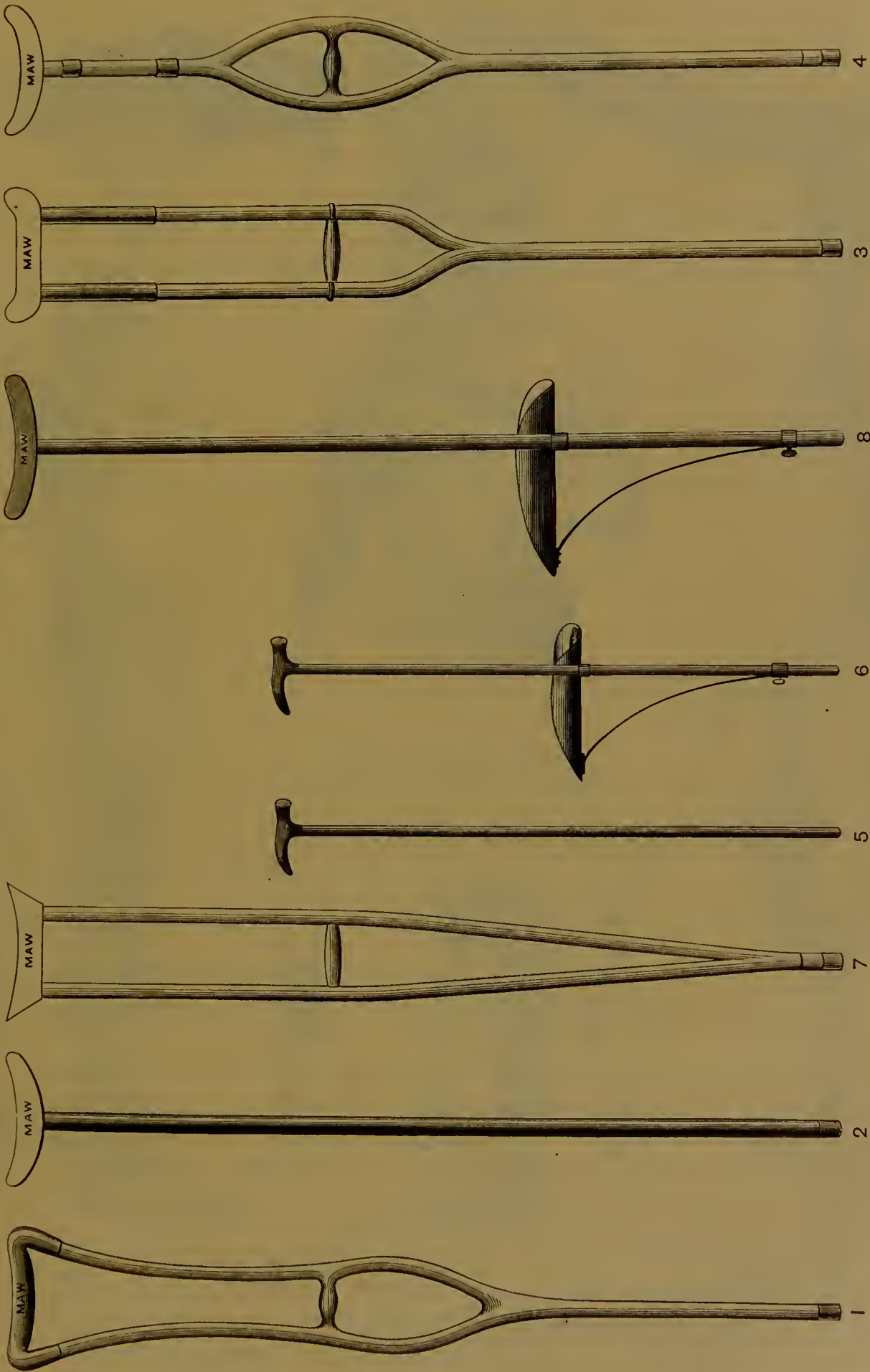


Fig. 5. STICK.
Fig. 6. STICK, WITH LEG REST.
Fig. 7. STRAIGHT.
Fig. 8. STRAIGHT, WITH LEG REST.

Fig. 1. DOUBLE, WITH SPRING CUSHION.
Fig. 2. DOUBLE, PLAIN, WITHOUT SPRING.
Fig. 3. DOUBLE, WITH SPRING.
Fig. 4. SINGLE, WITH SPRING.

ARTIFICIAL ARMS, HANDS, SOCKETS, AND APPLIANCES.

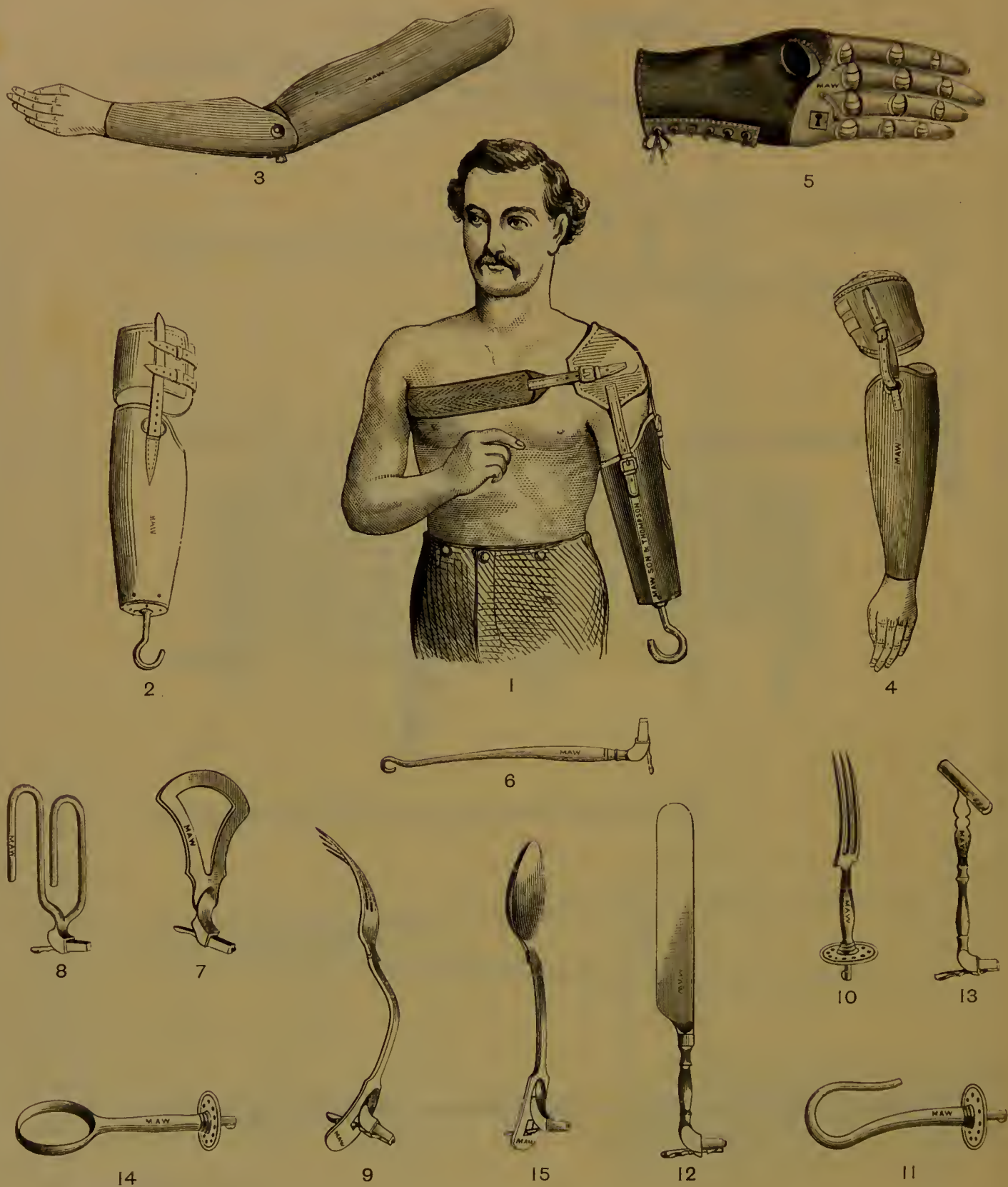


Fig. 1. ARM SOCKET, AMPUTATION ABOVE ELBOW.

Fig. 2. ARM SOCKET, AMPUTATION BELOW ELBOW.

Fig. 3. ARM AND HAND, AMPUTATION ABOVE ELBOW.

Fig. 4. ARM AND HAND, AMPUTATION BELOW ELBOW.

Fig. 5. FINGERS, OR PART HAND.

Fig. 6. BUTTON HOOK.

Fig. 7. CARD-HOLDER.

Fig. 8. DRIVING HOOK.

Fig. 9. } FORKS.

Fig. 10. } HOOK.

Fig. 11. KNIFE.

Fig. 12. PEN-HOLDER.

Fig. 13. RING.

Fig. 14. SPOON.

ARTIFICIAL FEET AND LEGS.

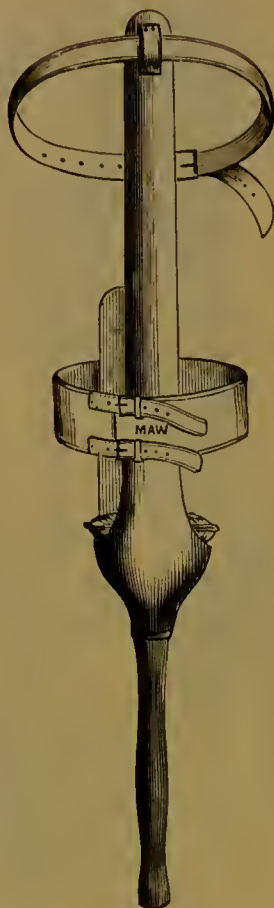


Fig. 1. } AMPUTATION ABOVE KNEE.
Fig. 2. }
Fig. 3. AMPUTATION ABOVE KNEE, BUCKET
OF LEATHER OR WOOD.

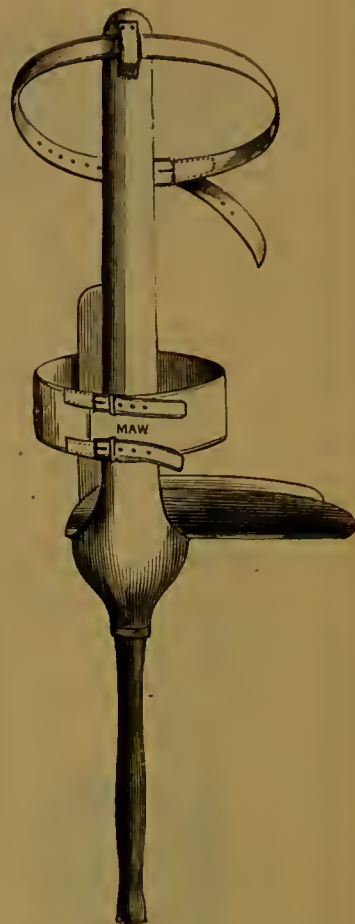
Fig. 4. AMPUTATION BELOW KNEE.
Fig. 5. AMPUTATION OF FOOT, CHOPART'S.
Fig. 6. AMPUTATION OF FOOT, SYME'S.

ARTIFICIAL FEET AND LEGS, ETC. (*Continued*).

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Fig. 7. AMPUTATION ABOVE KNEE, WITH IMPROVED JOINT, BUCKET OF LEATHER OR WOOD.

Fig. 8. AMPUTATION BELOW KNEE.

Fig. 9. AMPUTATION BELOW KNEE, WITH REST.

Fig. 10. AMPUTATION BELOW KNEE.

Fig. 11. AMPUTATION OF FOOT, CHOPART'S OR SYME'S.

Fig. 12. CORK SOLE BOOT FOR SHORTENED LIMB.

APPLIANCES FOR PARALYSIS, TALIPES, FRACTURED JAW AND NOSE, Etc.

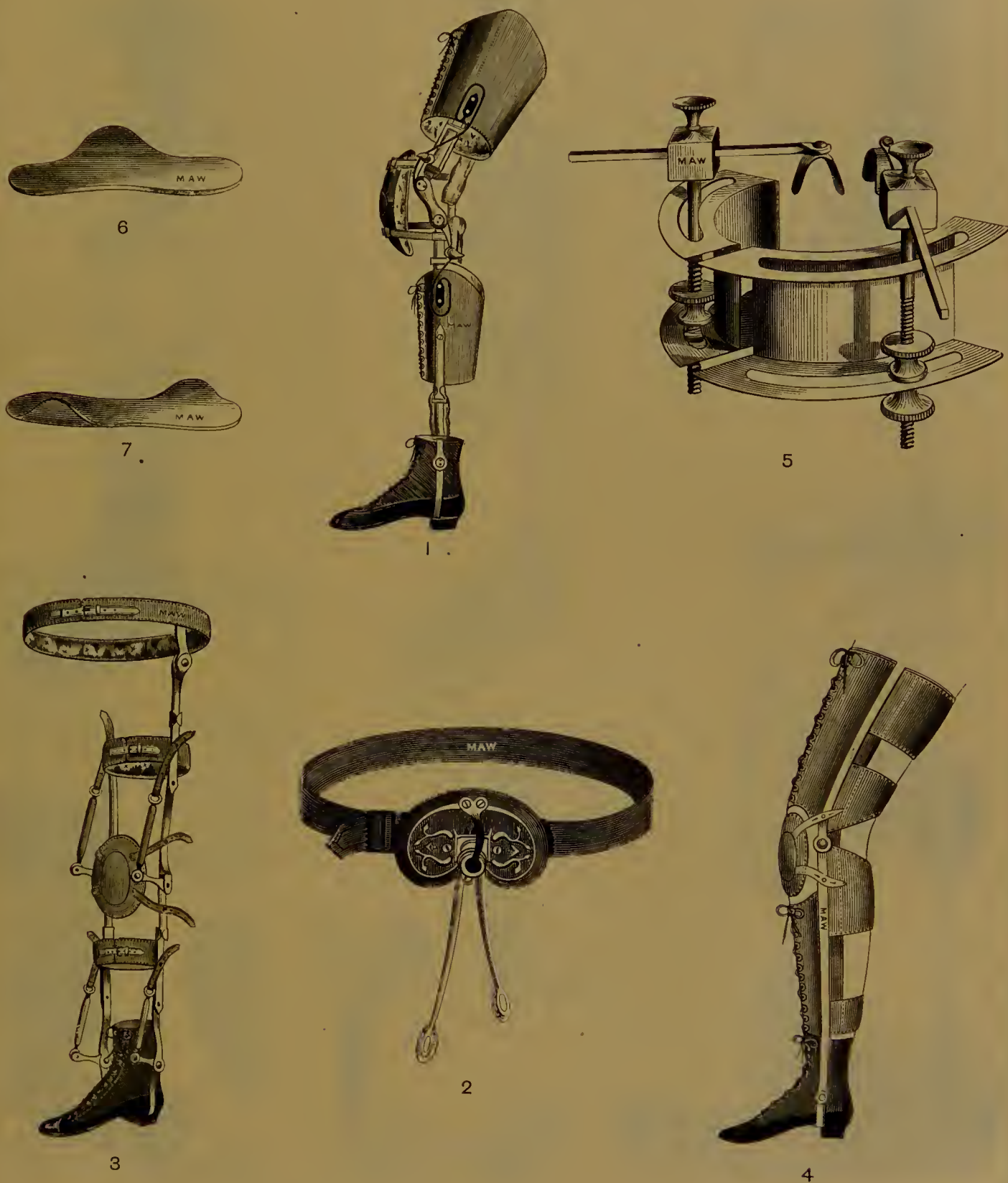
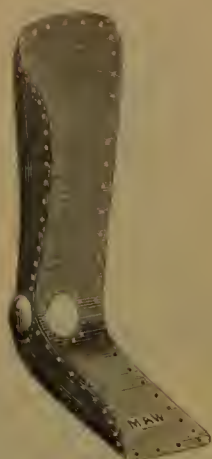


Fig. 1. FOR DISPLACEMENT (POSTERIORLY) OF TIBIA.
 Fig. 2. FOR FRACTURED NOSE.
 Fig. 3. FOR INFANTILE PARALYSIS.

Fig. 4. FOR USE AFTER DISLOCATION OF KNEE.
 Fig. 5. FOR FRACTURED JAW, MOON'S.
 Fig. 6. VALGUS PLATE.
 Fig. 7. VARUS PLATE.

APPLIANCES FOR TALIPES, ETC.



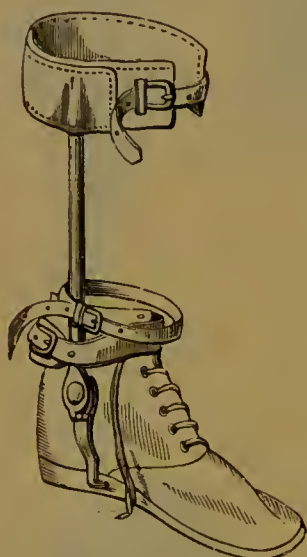
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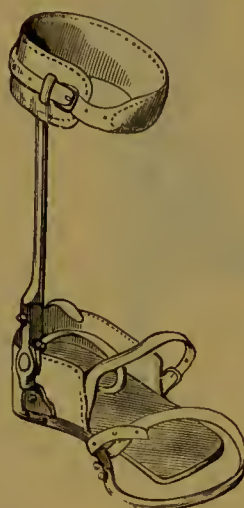
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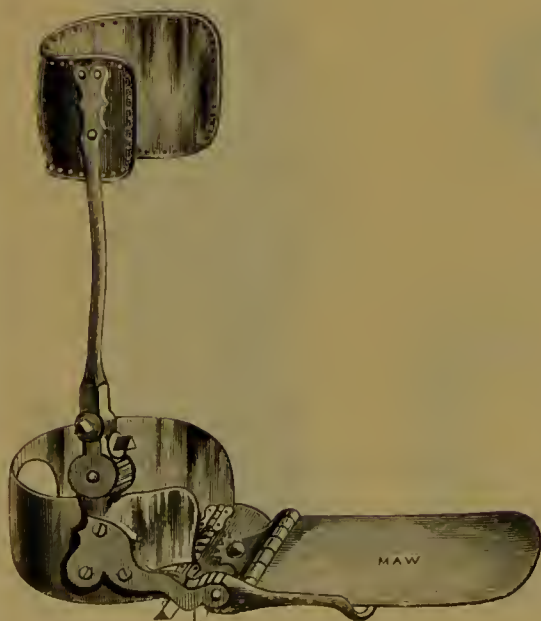
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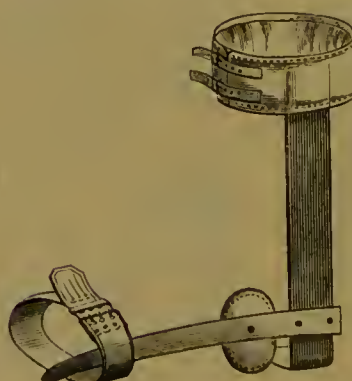
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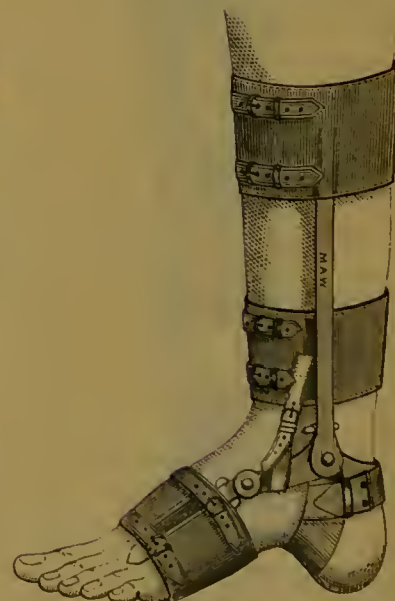
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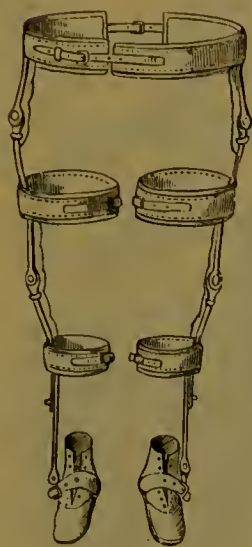
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Fig. 1. DAVY'S.
 Fig. 2. FOR CALCANEUS.
 Fig. 3. FOR INCIPIENT TALIPES.
 Fig. 4. LITTLE'S.

Fig. 5. LITTLE'S, HINGED.
 Fig. 6. LITTLE'S, PLAIN.
 Fig. 7. LITTLE'S, WITH SET
 SCREW.

Fig. 8. SCARPA'S.
 Fig. 9. SCARPA'S IMPROVED.
 Fig. 10. TENOTOMY PADDED
 SPLINT.

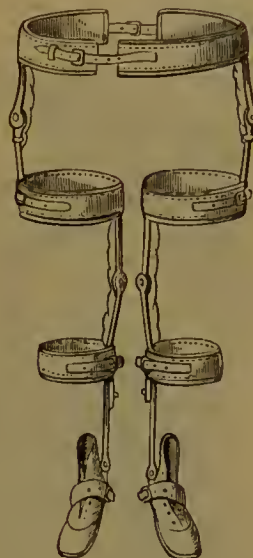
LEG SUPPORTS AND BOOTS.



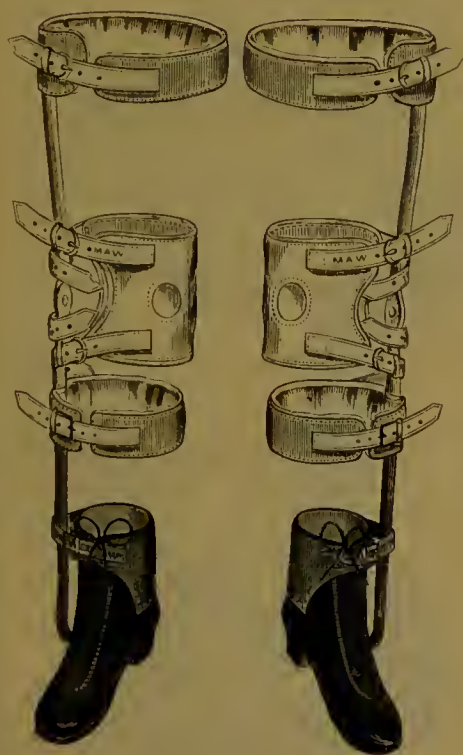
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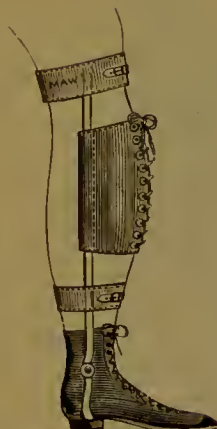
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Fig. 1. FOR ANTERIOR CURVATURE OF TIBIA.

Fig. 2. FOR INWARD CURVATURE (KNOCK-KNEE), WITH PELVIS BAND.

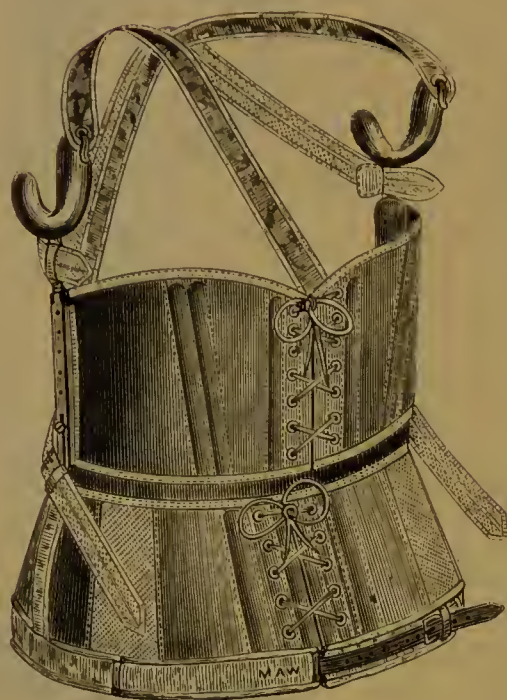
Fig. 3. FOR OUTWARD CURVATURE, WITH PELVIS BAND.

Fig. 4. FOR OUTWARD OR INWARD CURVATURE, WITHOUT PELVIS BAND.

Fig. 5. FOR OUTWARD OR INWARD CURVATURE OF TIBIA.

Fig. 6. FOR ROTATION OF THE FOOT.

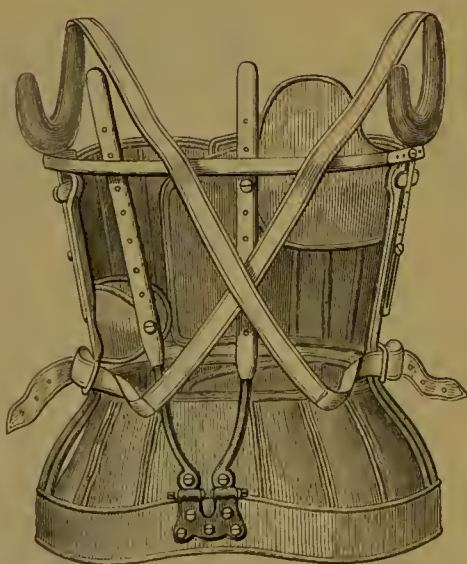
SPINE APPARATUS.



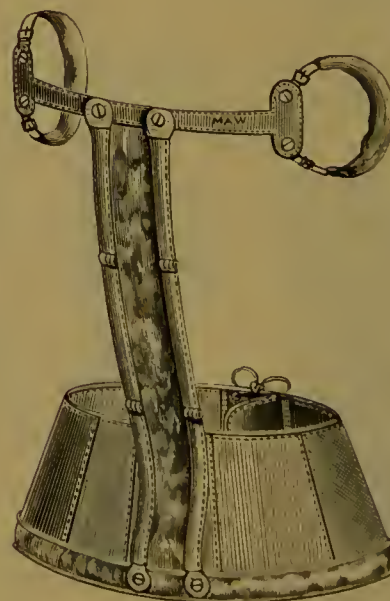
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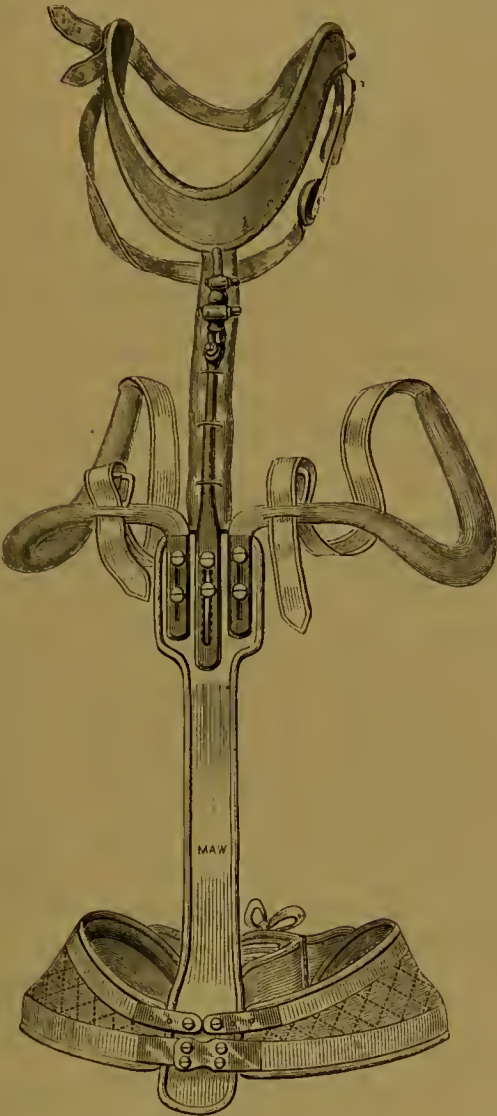
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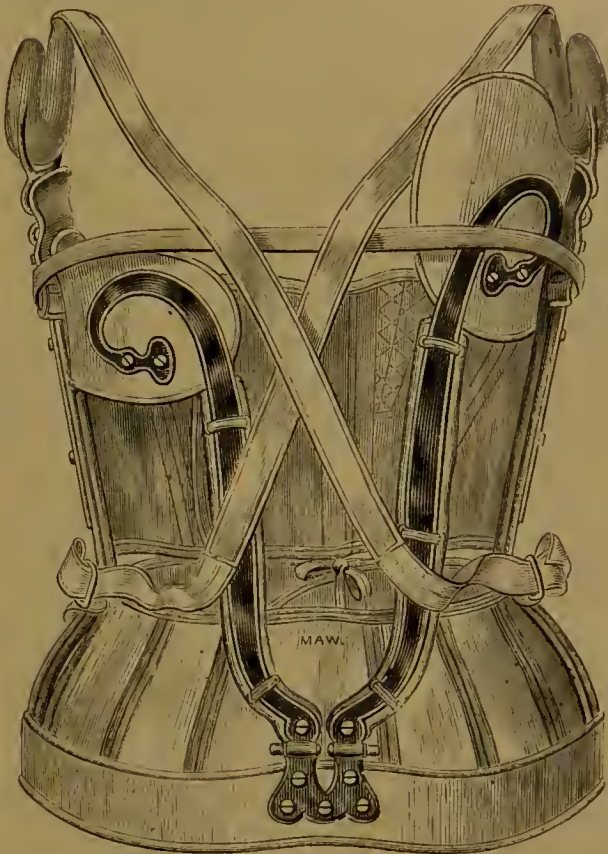
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- Fig. 1. FOR SIMPLE LATERAL CURVATURE.
 Fig. 2. FOR DOUBLE LATERAL CURVATURE.
 Fig. 3. FOR POSTERIOR CURVATURE, WITH TAYLOR'S SUPPORT.
 Fig. 4. FOR POTT'S DISEASE OR ANGULAR CURVATURE, WITH TAYLOR'S BRACE.

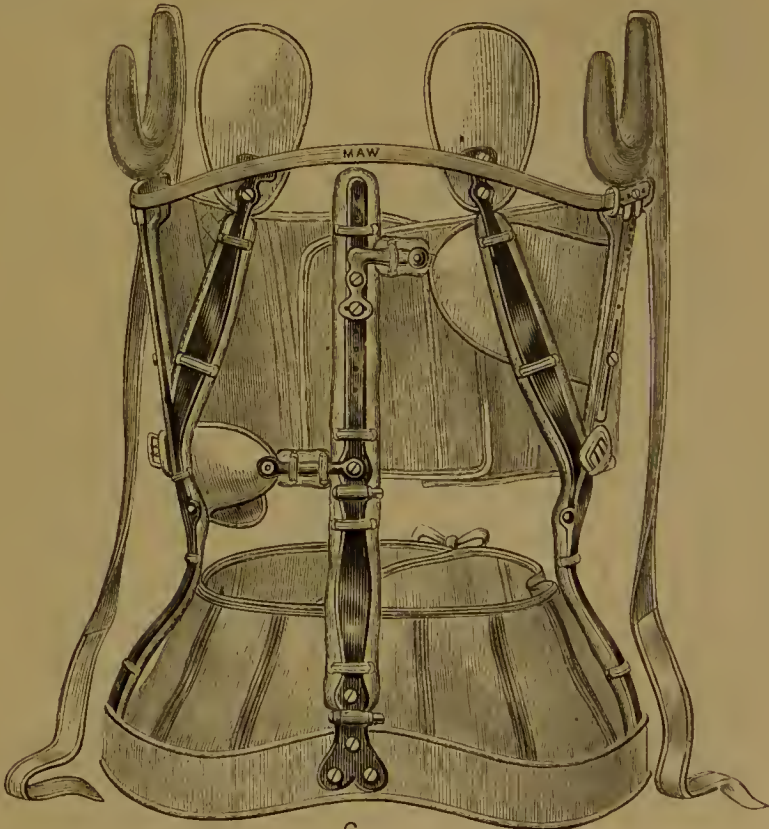
SPINE AND WRY NECK APPARATUS.



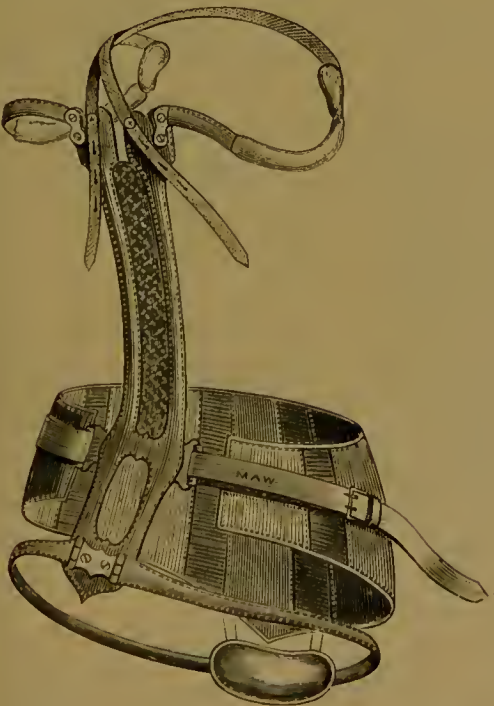
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Fig. 5. FOR DOUBLE LATERAL CURVATURE, WITH ROTATION.
Fig. 6. FOR DOUBLE LATERAL CURVATURE, WITH RELAXED SCAPULÆ.
Fig. 7. FOR CURVATURE AND PELVIC DEFORMITIES, PRO-
THEROE SMITH'S.
Fig. 8. FOR WRY NECK.

POROPLASTIC SPLINTS.

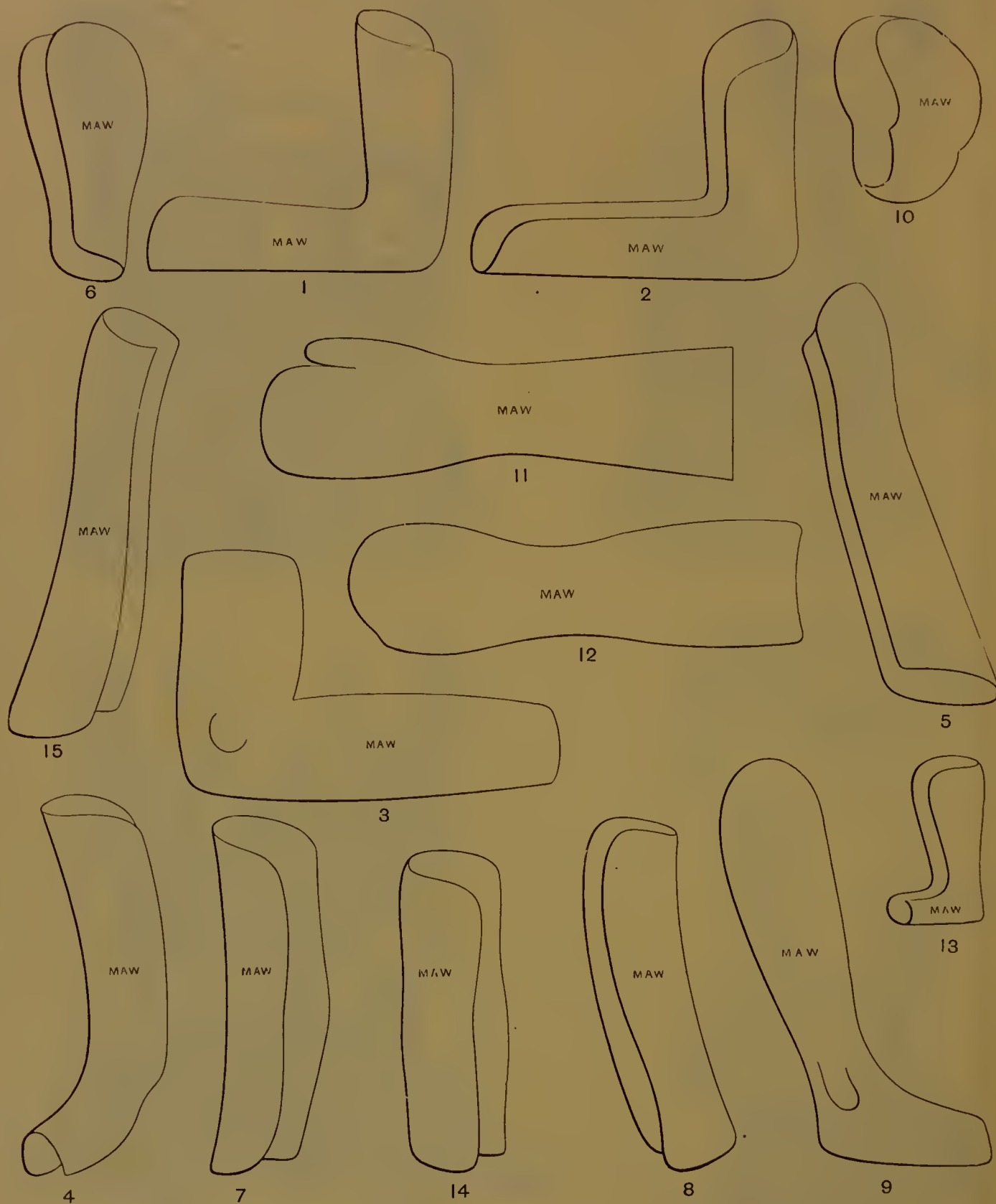


Fig. 1. ARM, ANTERIOR.
 Fig. 2. ARM, POSTERIOR.
 Fig. 3. ELBOW.
 Fig. 4. FIBULA, ANTERIOR.
 Fig. 5. FIBULA, POSTERIOR.

Fig. 6. HUMERUS.
 Fig. 7. KNEE, ANTERIOR.
 Fig. 8. KNEE, POSTERIOR.
 Fig. 9. LEG.
 Fig. 10. LOWER MAXILLARY.

Fig. 11. RADIUS.
 Fig. 12. RADIUS.
 Fig. 13. TALIPES.
 Fig. 14. THIGH, ANTERIOR.
 Fig. 15. THIGH, POSTERIOR.

POROPLASTIC APPLIANCES, ETC.

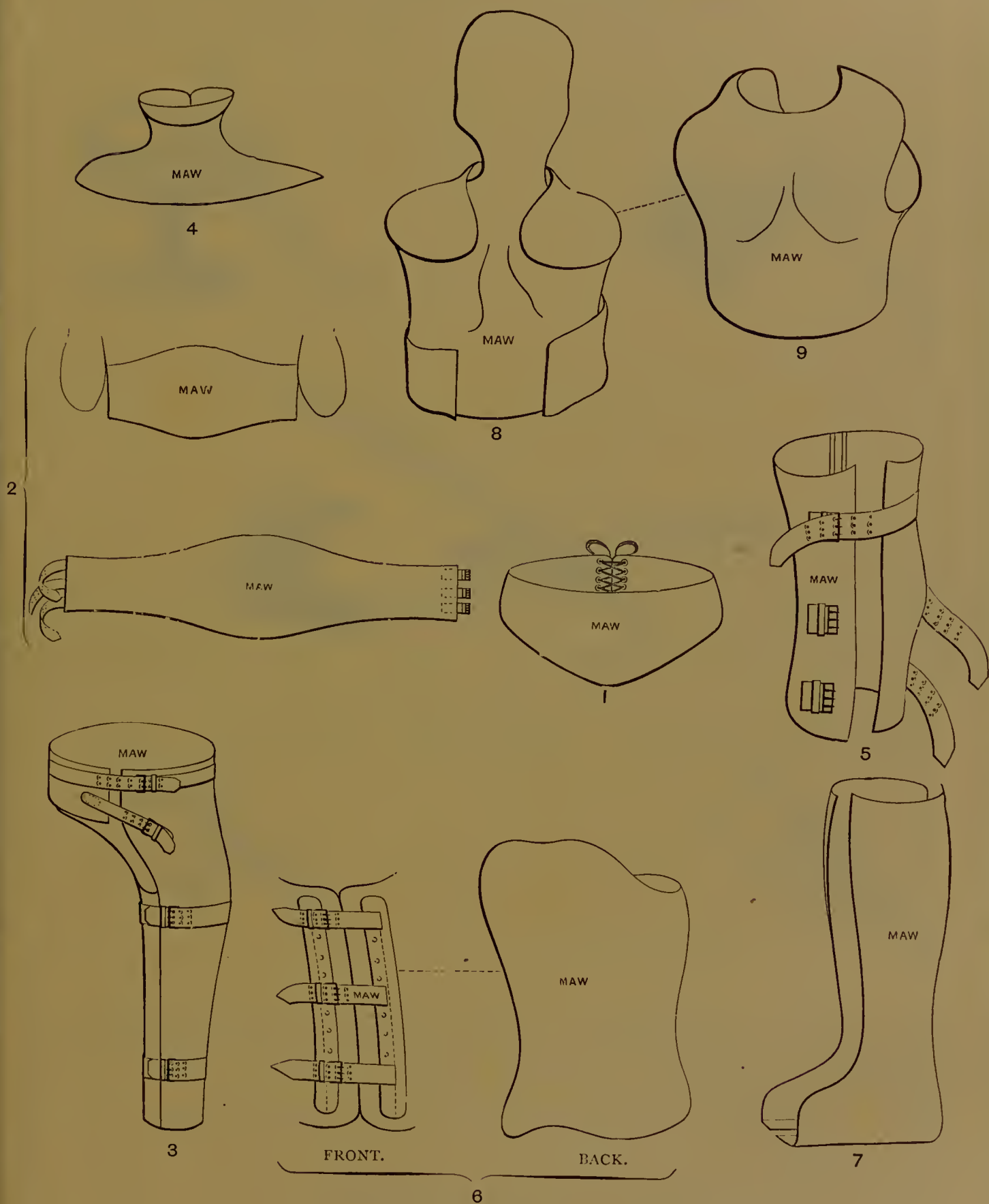


Fig. 1. ABDOMEN.
Fig. 2. BACK.
Fig. 3. HIP.

Fig. 4. NECK.
Fig. 5. PATELLA.
Fig. 6. SPINE.

Fig. 7. TIBIA AND FIBULA.
Fig. 8. } WRY NECK.
Fig. 9. }

INSTRUMENTS FOR WRITERS' SPASM.

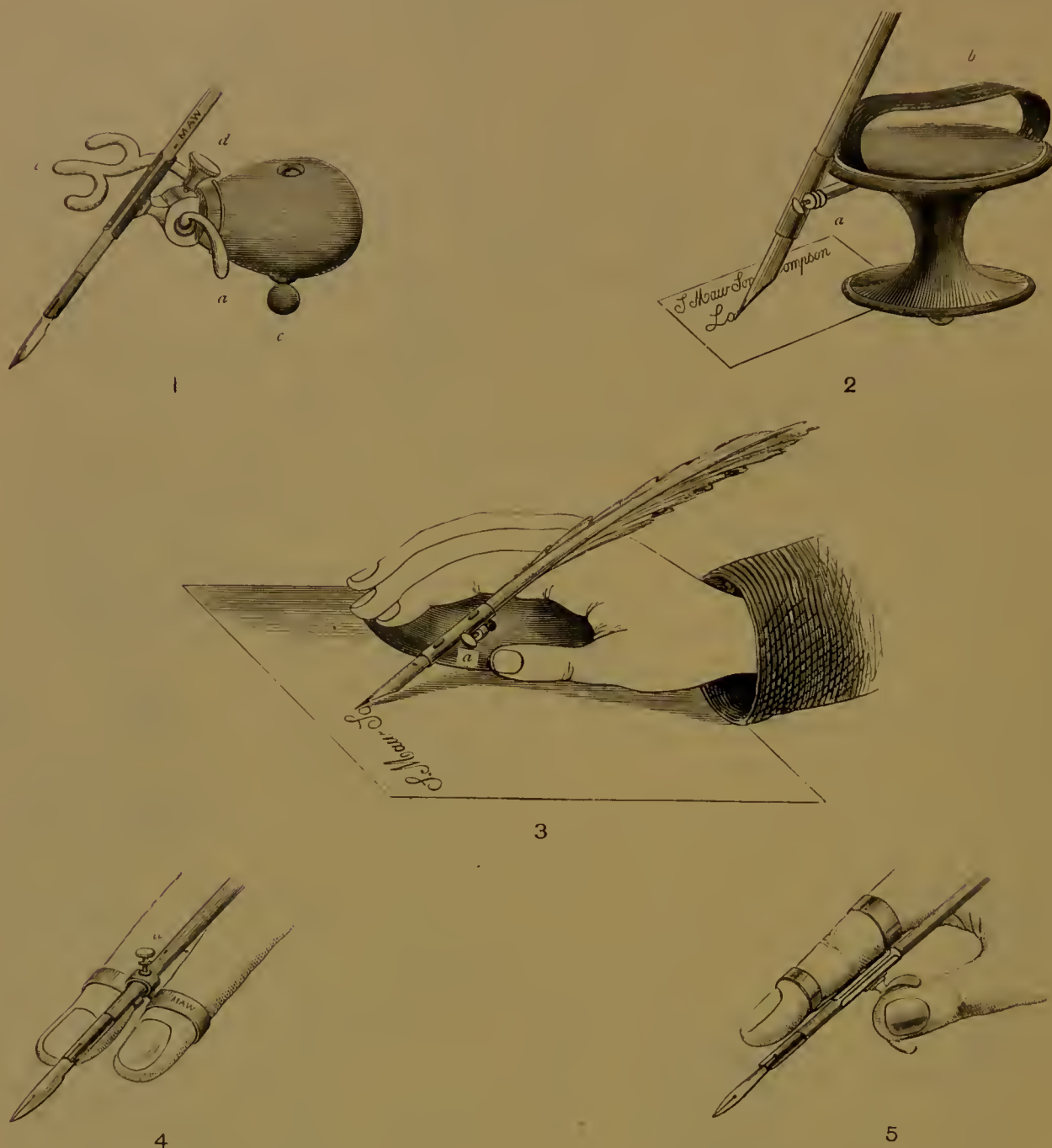


Fig. 1. AN OVAL-SHAPED HANDLE FOR THE PALM OF THE HAND, with Lateral Projections (*a*, *b*) for the Thumb, Index, and Middle Fingers. On its under surface is a Metallic Knob (*c*) to facilitate the movement of the Instrument over the surface of the Paper. The inclination of the Pen is regulated by the Screw (*d*).—MATHIEU'S.

Fig. 2. A CIRCULAR OR OVAL-SHAPED DISC, fixed to a Wood Stand, with a Roller on its under surface. The inclination of the Pen is regulated by the Screw (*a*). The Band (*b*) is to steady the Hand.—DUCHENNE'S.

Fig. 3. A CIRCULAR OR OVAL PAD, Convex on its upper surface, with a Roller on its under surface. The inclination of the Pen is regulated by the Screw (*a*).—DUCHENNE'S.

Fig. 4. TWO CIRCULAR BANDS FOR THE INDEX AND MIDDLE FINGERS, connected by the Screw (*a*) that regulates the inclination of the Pen.—MATHIEU'S.

Fig. 5. TWO CIRCULAR BANDS FOR THE INDEX FINGER AND A LATERAL SUPPORT FOR THE THUMB, combined with Pen-holder.—MATHIEU'S.

SECTION XII.

BANDAGES, ELASTIC STOCKINGS, INDIA-RUBBER
CUSHIONS, ICE BAGS, MATTRESSES, PILLOWS
AND SHEETS, TRUSSES, URINALS, ETC.

CONTENTS OF SECTION XII.

AIR CUSHIONS.

AIR MATTRESS.

AIR PILLOWS.

ANKLET.

ARMLET.

BANDAGE, PARA-RUBBER.

BANDAGES, ABDOMEN.

BANDAGES, SUSPENSORY.

BED SHEETS.

BELLOWS FOR AIR CUSHIONS.

BELLOWS FOR AIR MATTRESSES.

BELTS :—

PROLAPSUS.

RIDING.

UMBILICAL HERNIA.

COLD WATER BAG.

HOT WATER BAG.

ICE BAGS.

KNEE-CAPS.

KNEE LEGGING.

KNEE STOCKING.

LEGGING.

STOCKINGS.

SWIMMING BELT.

THIGH KNEE-CAP.

THIGH LEGGING.

THIGH PIECE.

THIGH STOCKING.

TRUSSES.

URINALS.

WATER CUSHIONS.

WATER MATTRESSES.

WATER PILLOWS.

WRISTLET.

BANDAGES, ABDOMEN.

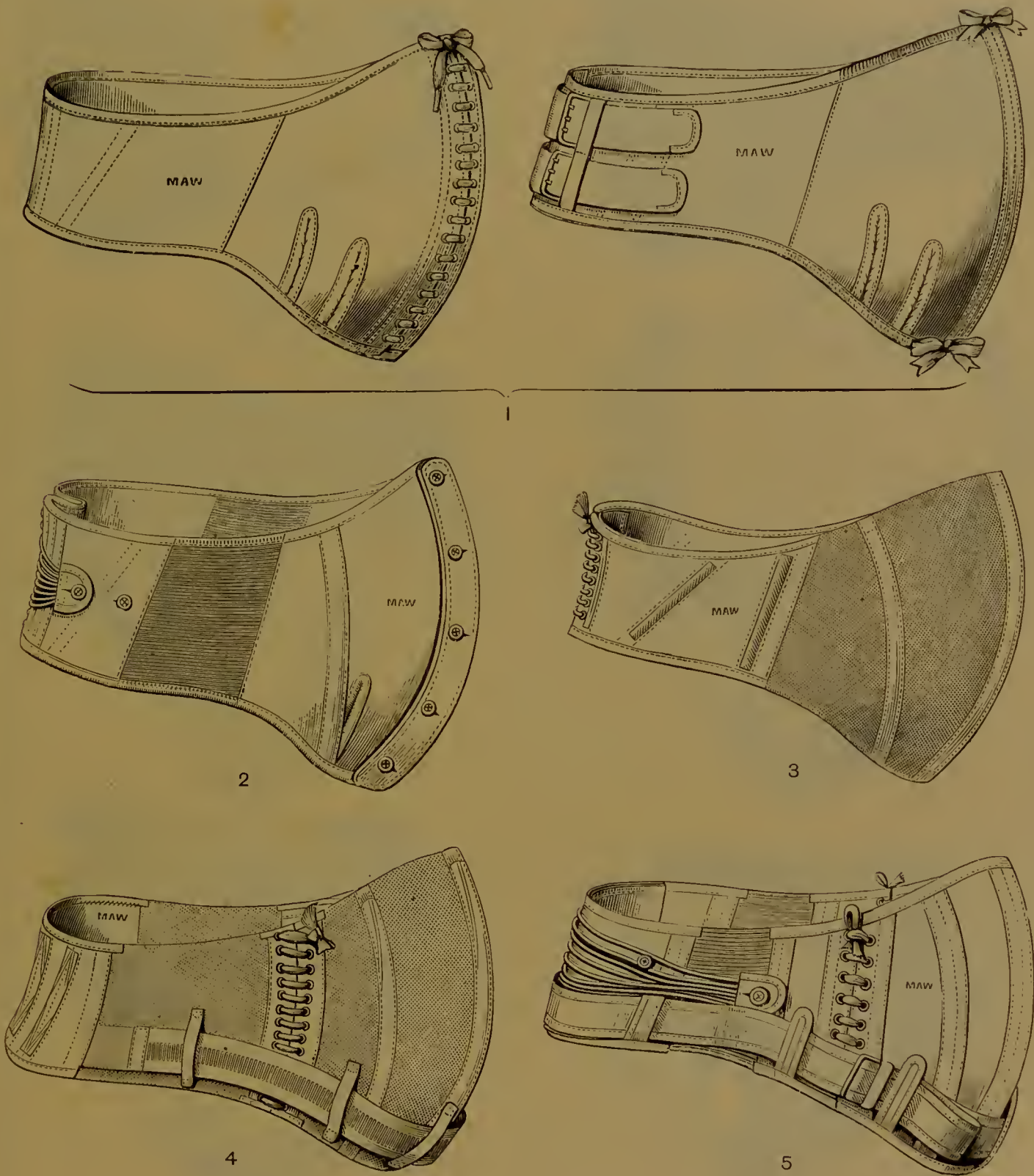
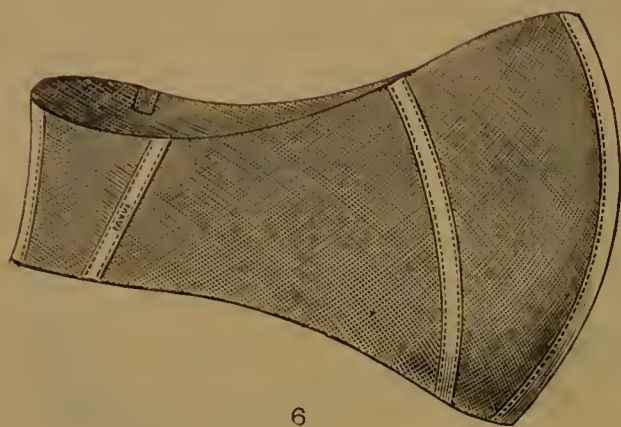
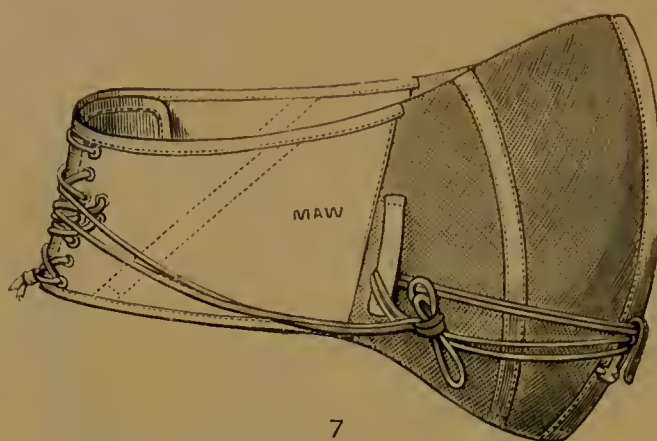


Fig. 1. ELASTIC FRONTS, JEAN BACKS, TO BUCKLE OR LACE.
Fig. 2. ELASTIC SIDES, JEAN BACK AND FRONT, WITH EXPANDING LACE.

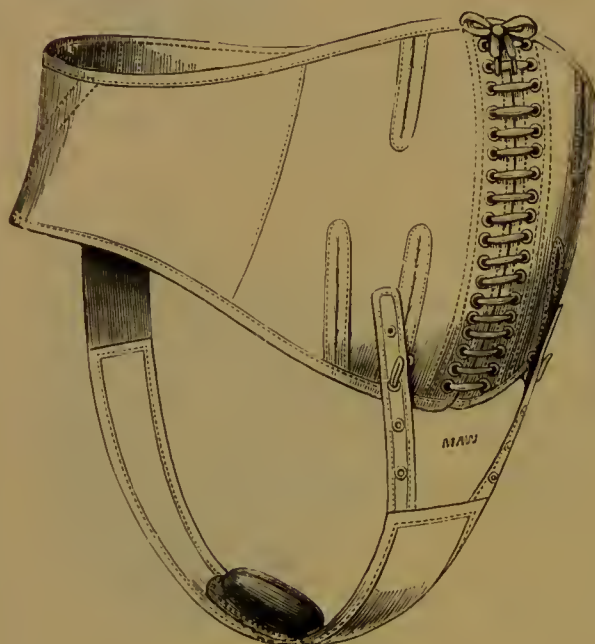
Fig. 3. ELASTIC WOVEN FRONT, JEAN BACK, TO LACE.
Fig. 4. ELASTIC WOVEN FRONT AND SIDES, JEAN BACK, FULCRUM BAND, AND SIDE LACES.
Fig. 5. ELASTIC SIDES, JEAN BACK AND FRONT, WITH FULCRUM BAND AND EXPANDING LACE.

BANDAGES, ABDOMEN (*Continued*).

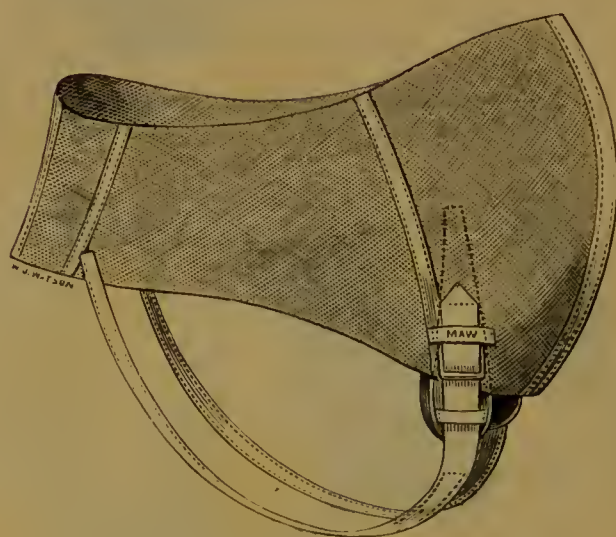
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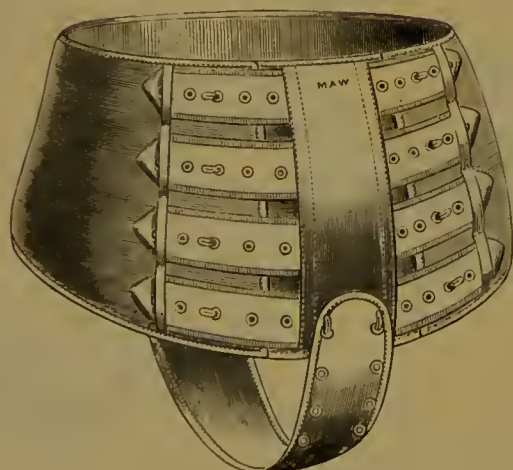
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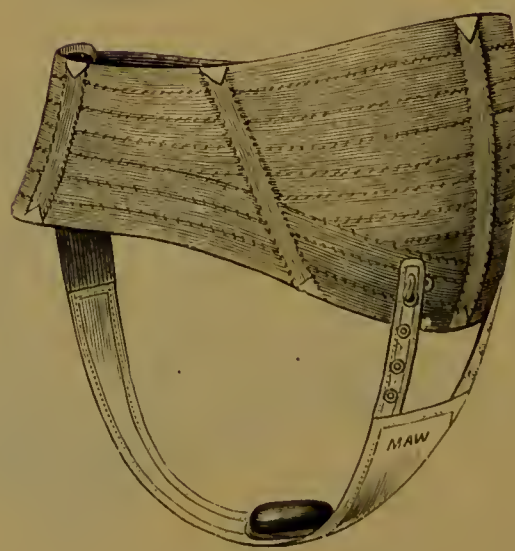
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Fig. 6. ELASTIC WOVEN, TO DRAW ON.

Fig. 7. ELASTIC WOVEN FRONT, DRAW-IN LACE.

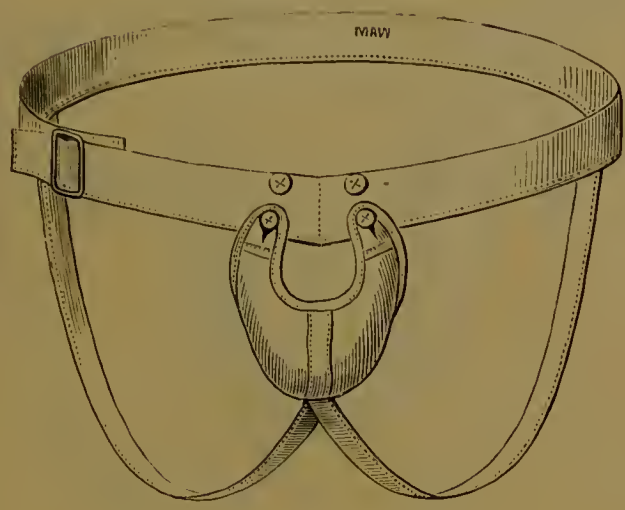
Fig. 8. ELASTIC FRONT AND JEAN BACK, WITH UNDER-PAD FOR PROLAPSE OF THE UTERUS, BLUNDELL'S.

Fig. 9. ELASTIC WOVEN, TO DRAW ON, WITH PADS FOR HERNIA.

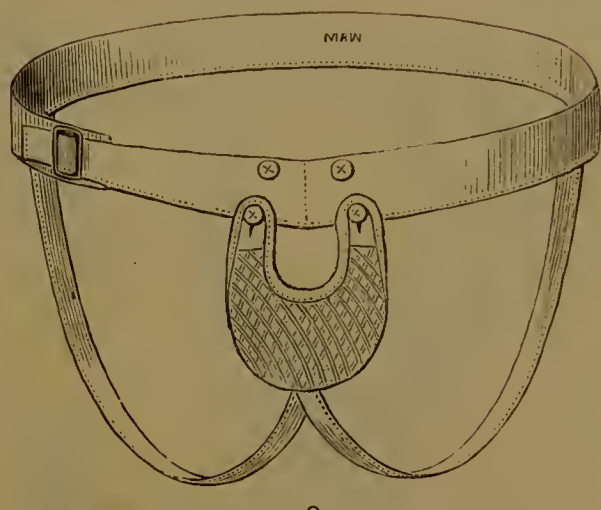
Fig. 10. ELASTIC SPIRAL, WITH UNDER-PAD FOR PROLAPSE OF THE UTERUS, PALFREY'S.

Fig. 11. JEAN, FOR USE AFTER ACCOUCHEMENT.

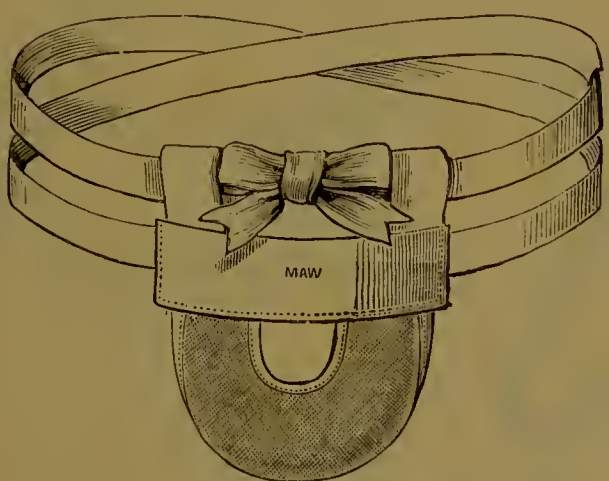
BANDAGES, SUSPENSORY.



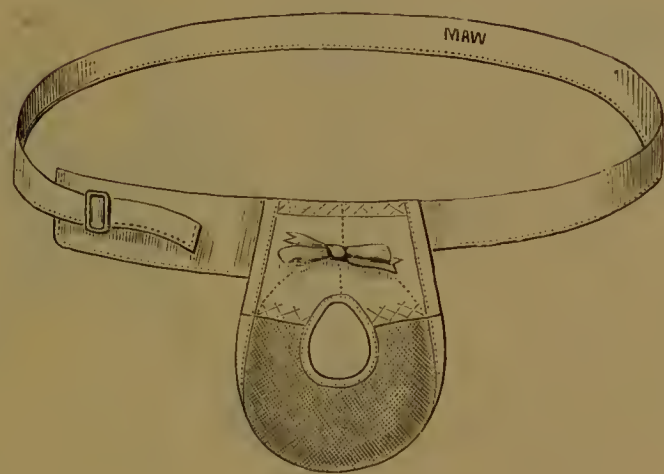
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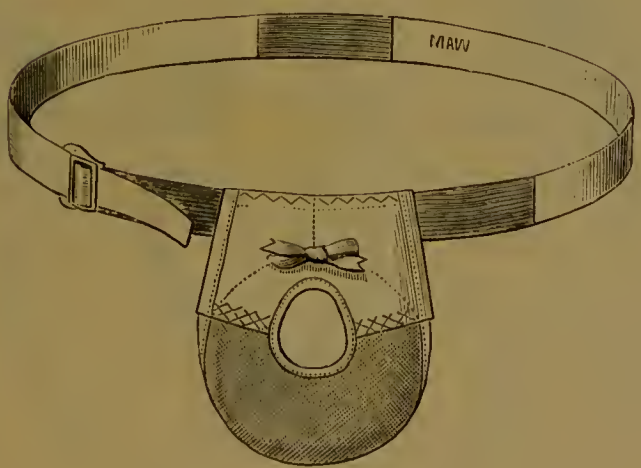
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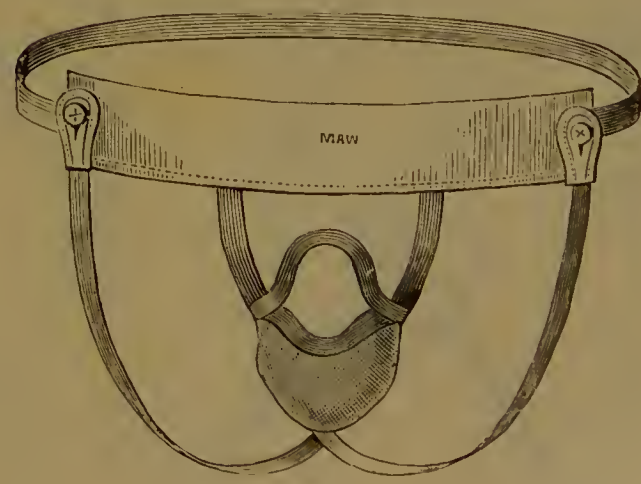
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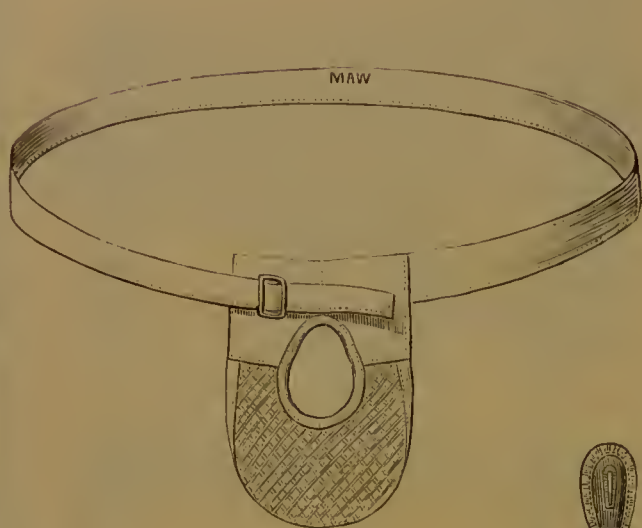
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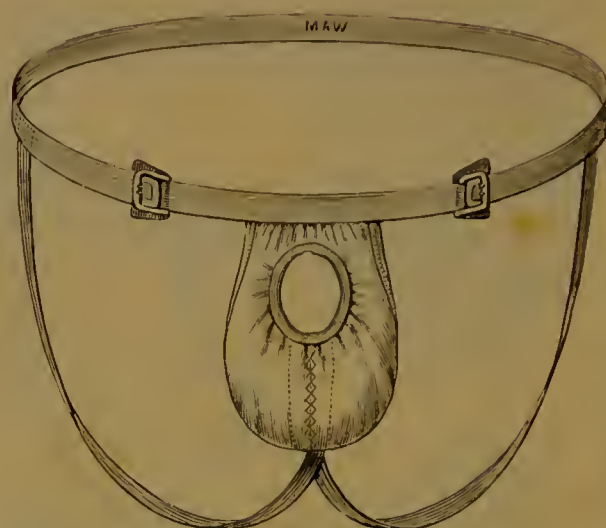
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Fig. 1. CHAMOIS LEATHER OR JEAN BAG AND BAND.
Fig. 2. COTTON OR SILK BAG, JEAN BAND, AND UNDERSTRAPS.
Fig. 3. COTTON OR SILK BAG, TAPE BAND.

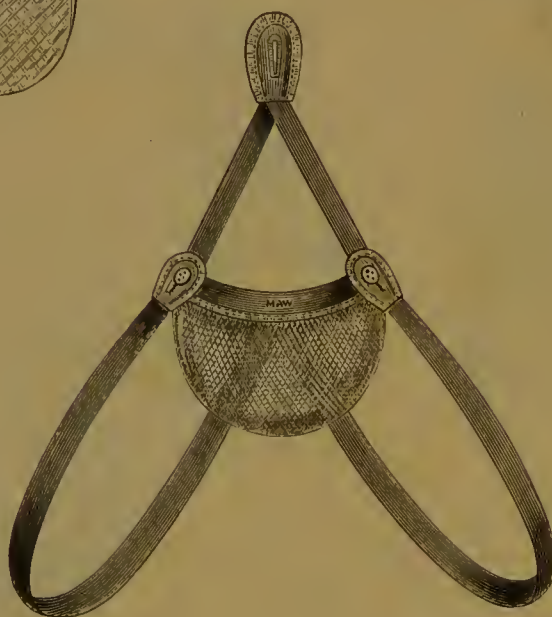
Fig. 4. COTTON OR SILK BAG, JEAN BAND.
Fig. 5. COTTON OR SILK BAG, ELASTIC INSERTIONS IN BAND.
Fig. 6. SILK BAG, ELASTIC BAND AND UNDERSTRAPS.

BANDAGES, SUSPENSORY (*Continued*).

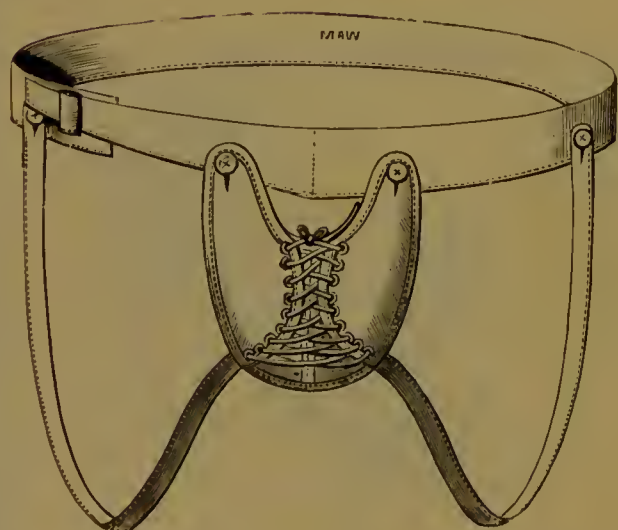
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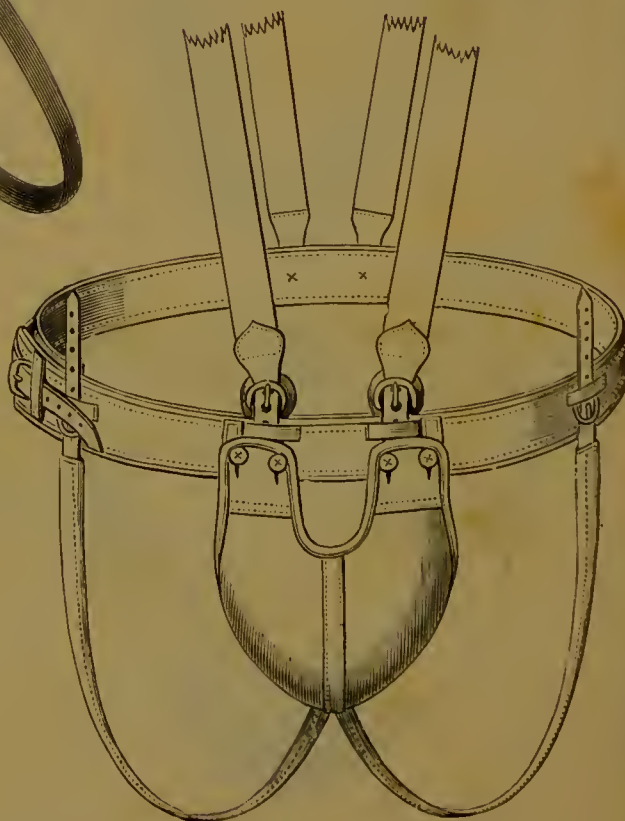
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Fig. 7. COTTON BAG, JEAN BAND.

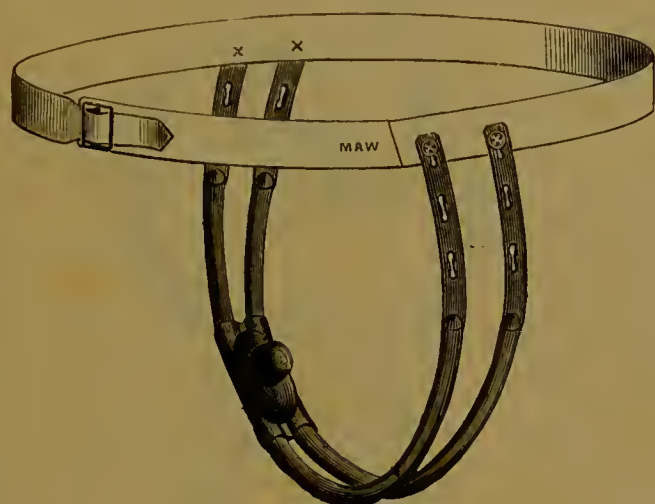
Fig. 8. COTTON OR SILK BAG (no Band required).

Fig. 9. LAWN BAG, ELASTIC BANDS.

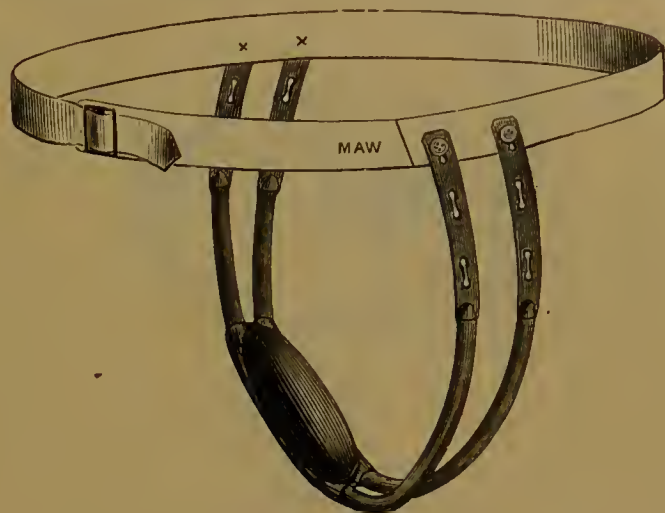
Fig. 10. MAW'S EXPANDING BAG FOR HYDROCELE.

Fig. 11. MAW'S IMPROVED, WITH BRACES, FOR IRREDUCIBLE OR SCROTAL HERNIA.

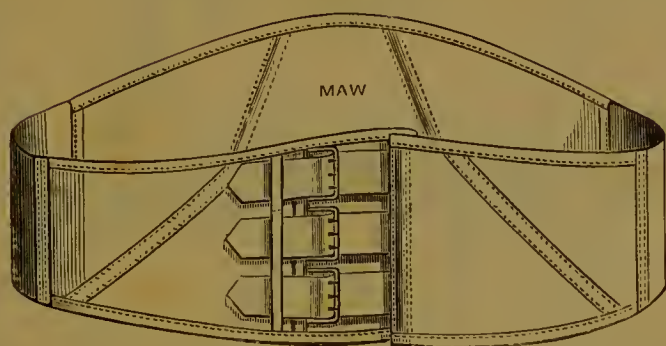
BANDAGE, BELTS FOR PROLAPSUS, RIDING, UMBILICAL HERNIA, ETC.



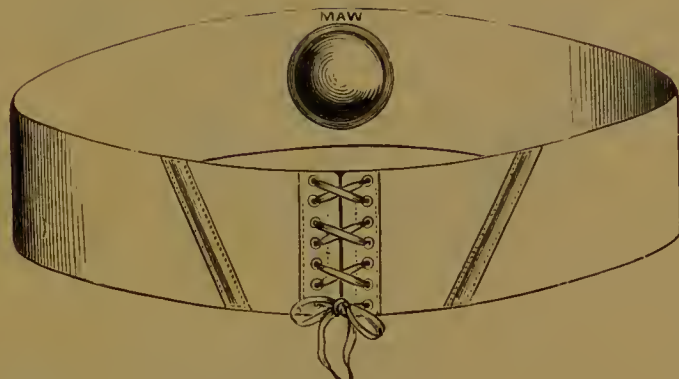
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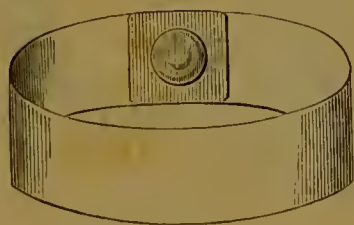
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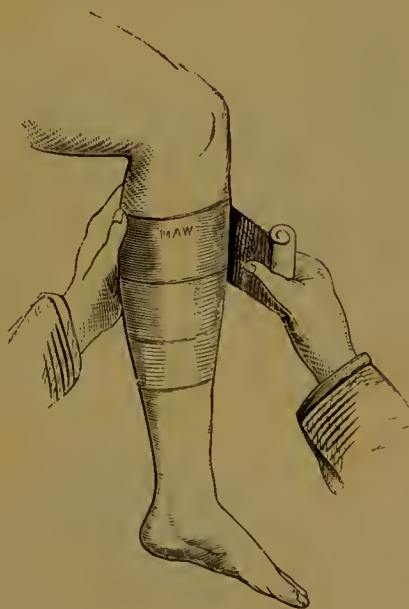
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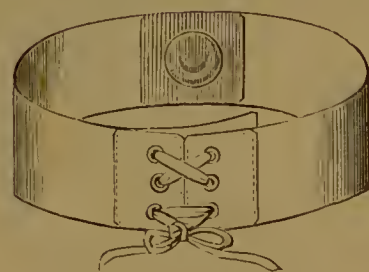
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Fig. 1. BANDAGE, PARA-RUBBER (FOR ULCERATED AND OTHER DISEASES OF THE LEGS).

Fig. 2. BELT AND INDIA-RUBBER PAD FOR PROLAPSE OF THE RECTUM.

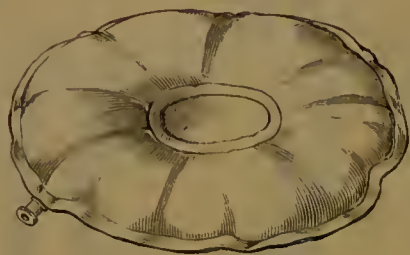
Fig. 3. BELT AND INDIA-RUBBER PAD FOR PROLAPSE OF THE UTERUS.

Fig. 4. BELT FOR WEAK BACK AND RIDING.

Fig. 5. BELT FOR UMBILICAL HERNIA (Adults).

Figs. 6 and 7. BELTS FOR UMBILICAL HERNIA (Infants).

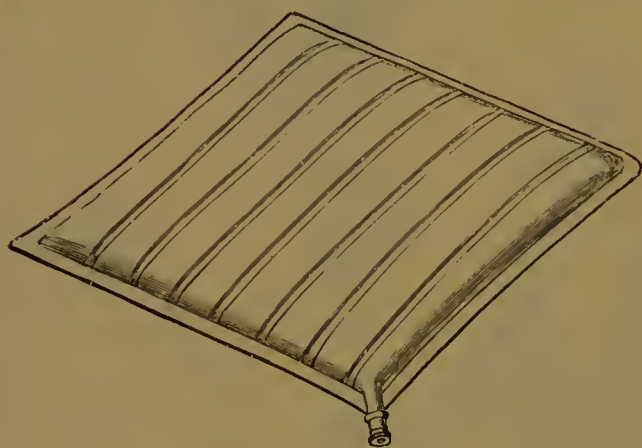
AIR CUSHIONS, PILLOWS, AND SWIMMING BELT.



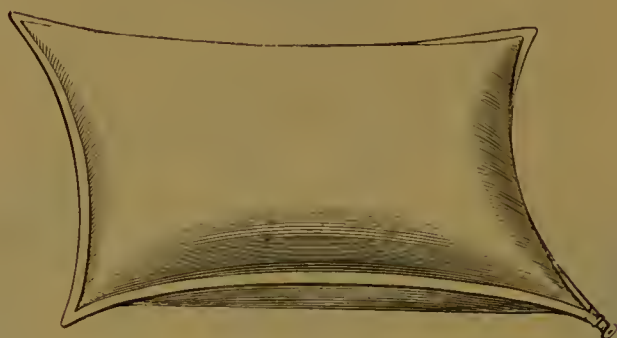
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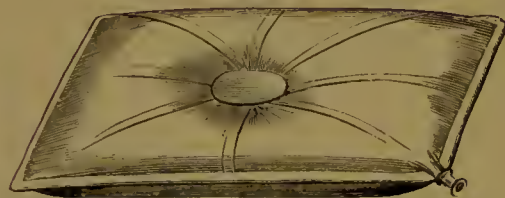
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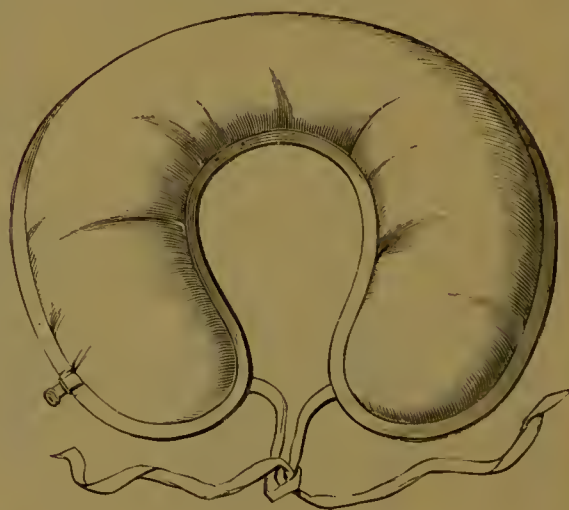
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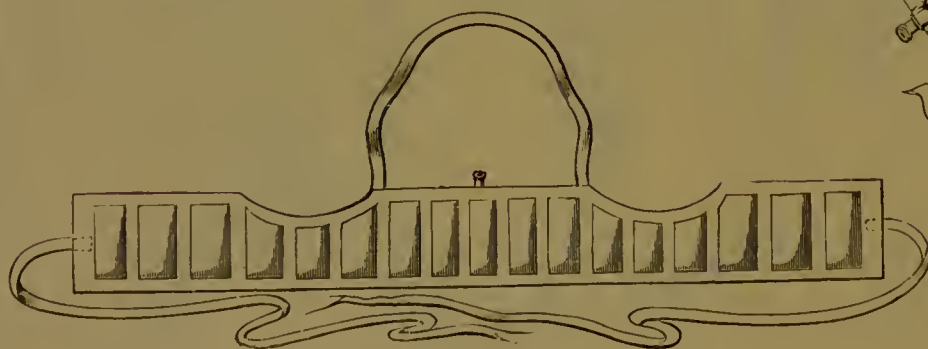
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Fig. 1. CUSHION, CIRCULAR, REEDED.

Fig. 2. CUSHION, WITH CENTRE, REEDED.

Fig. 3. CUSHION, REEDED.

Fig. 4. PILLOW, CIRCULAR.

Fig. 5. PILLOW, SQUARE.

Fig. 6. PILLOW FOR THE NECK.

Fig. 7. SWIMMING BELT.

WATER CUSHIONS, MATTRESSES, AND HOT WATER BAG.

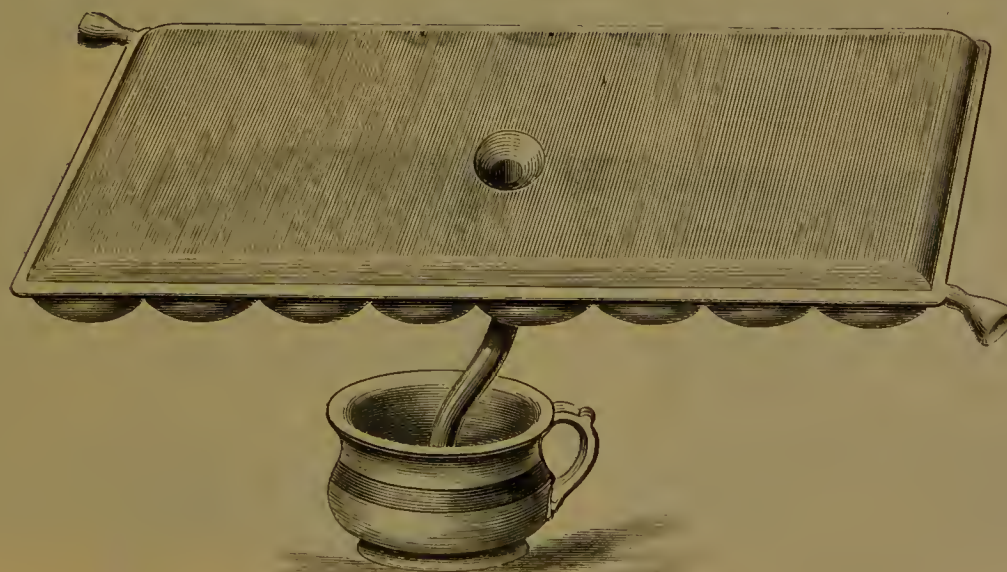
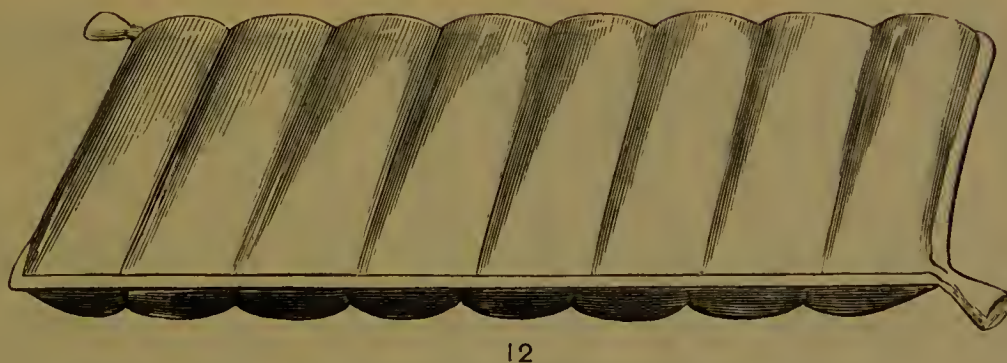
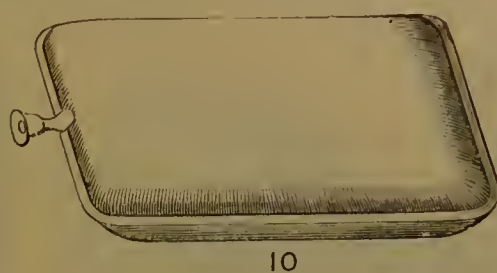


Fig. 8. BAG FOR HOT WATER.
Fig. 9. CUSHION FOR SLOUGHING OF THE
SACRUM.
Fig. 10. CUSHION.

Fig. 11. CUSHION, WITH DEPRESSED
CENTRE.
Fig. 12. MATTRESS.
Fig. 13. MATTRESS, WITH FUNNEL.

BED SHEETS, BELLOWS, MATTRESS, AND SPINE CUSHION.

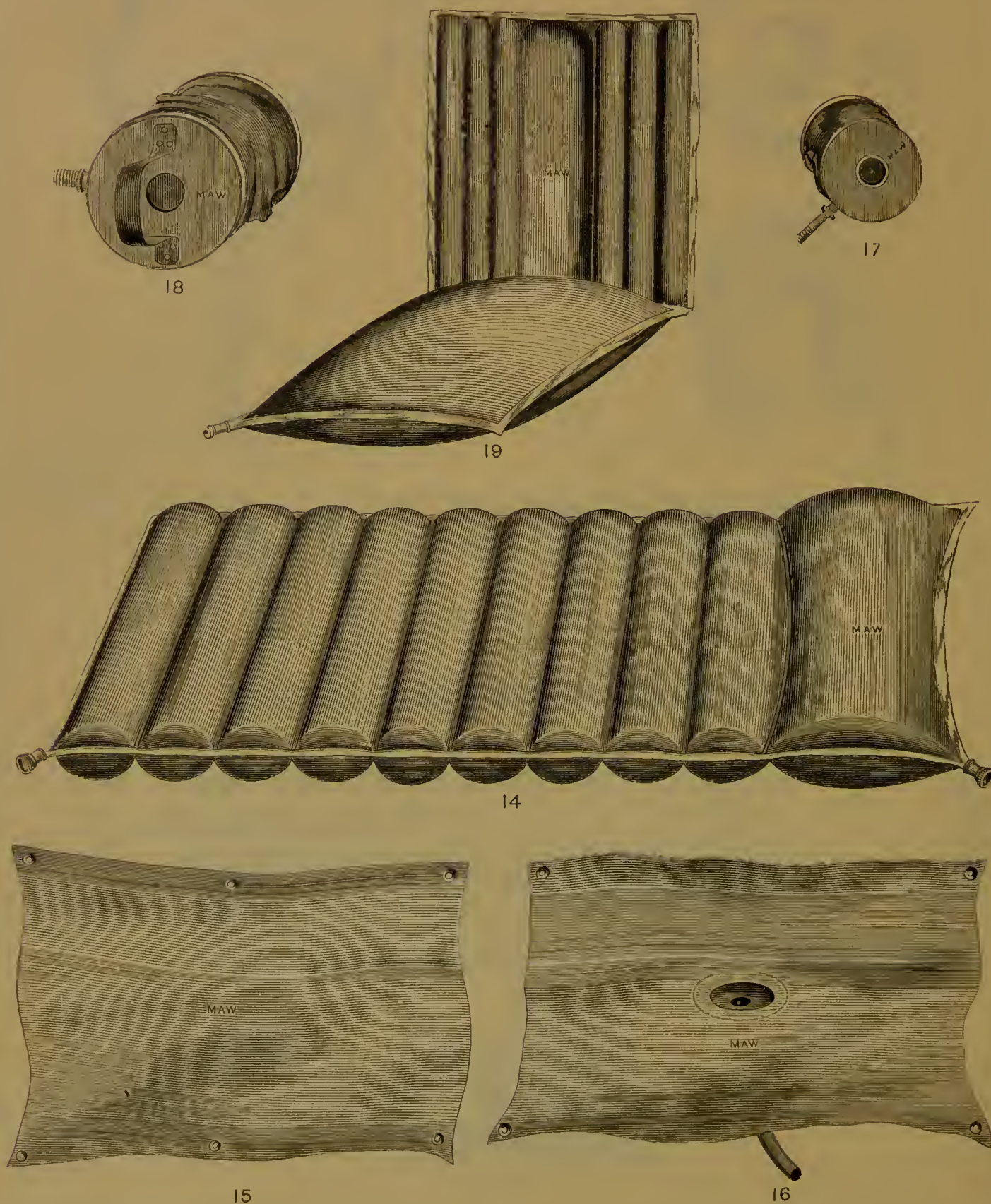


Fig. 14. AIR MATTRESS AND PILLOW.

Fig. 15. BED SHEET.

Fig. 16. BED SHEET, WITH FUNNEL.

Fig. 17. BELLOWS FOR INFLATING CUSHIONS.

Fig. 18. BELLOWS FOR INFLATING MATTRESSES.

Fig. 19. SPINE CUSHION.

ELASTIC STOCKINGS, ETC.



Fig. 1. ANKLET.

Fig. 2. ARMLET.

Fig. 3. KNEE-CAP.

Fig. 4. KNEE-CAP, LACED.

Fig. 5. KNEE LEGGING.

Fig. 6. KNEE STOCKING.

Fig. 7. LEGGING.

Fig. 8. STOCKING.

Fig. 9. STOCKING, LACED.

Fig. 10. THIGH KNEE-CAP.

Fig. 11. THIGH LEGGING.

Fig. 12. THIGH STOCKING.

Fig. 13. THIGH PIECE.

Fig. 14. WRISTLET.

INDIA-RUBBER BAGS FOR THE APPLICATION OF ICE, ETC.



Fig. 1. CHAPMAN'S, FOR THE SPINE.

Fig. 2. CIRCULAR, FOR THE HEAD (Three Sizes).

Fig. 3. CURVED, FOR THE THROAT, FOR HOT OR COLD WATER.

Fig. 4. HELMET SHAPE, FOR THE HEAD.

Fig. 5. OVAL SHAPE, FOR THE ABDOMEN.

Fig. 6. OVAL SHAPE, FOR THE HEART.

Fig. 7. OVAL SHAPE, FOR THE TEETH, FOR HOT OR COLD WATER.

Fig. 8. FOR THE HEAD, CHEST, LUMBAR AND INGUINAL REGIONS.

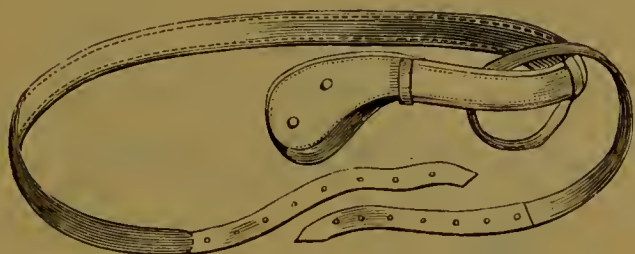
TRUSSES FOR INGUINAL HERNIA.



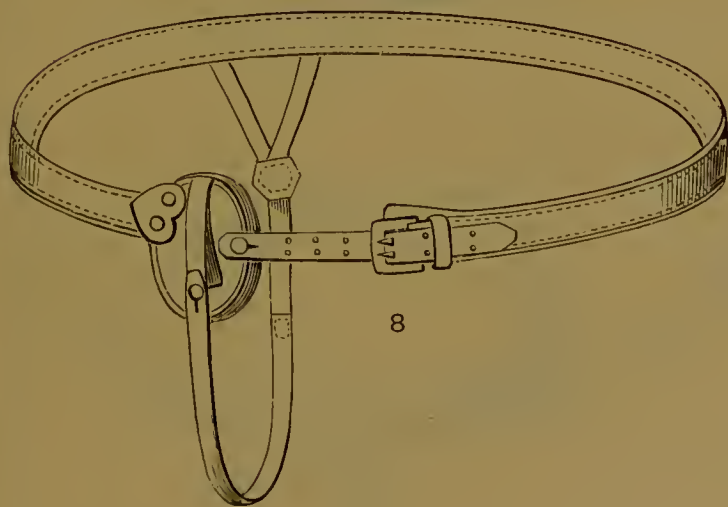
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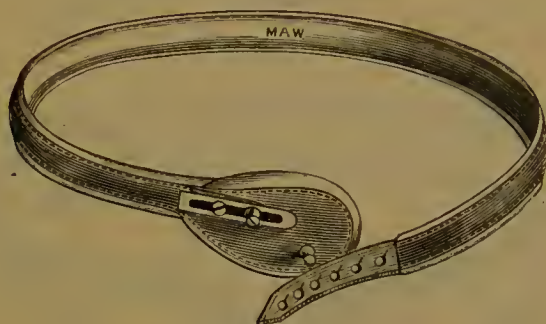
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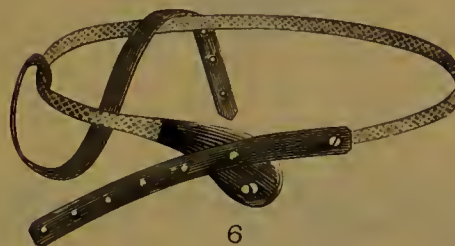
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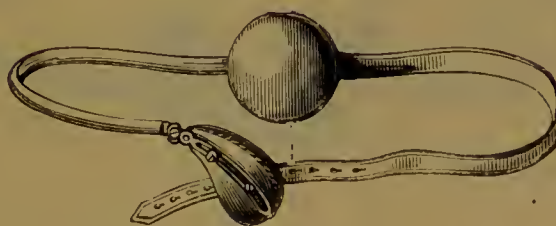
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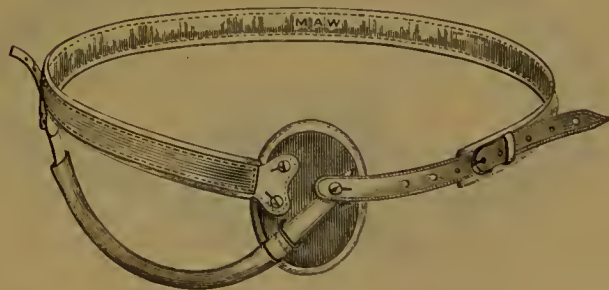
4



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7



9

Fig. 1. CIRCULAR, DOUBLE.

Fig. 2. CIRCULAR, DOUBLE, ELASTIC-GUM, FOR WEAR WHEN BATHING.

Fig. 3. CIRCULAR, DOUBLE, SLIDING BACK.

Fig. 4. CIRCULAR, SINGLE, SLIDING PAD.

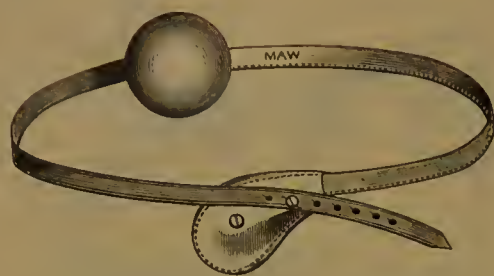
Fig. 5. CIRCULAR, SINGLE.

Fig. 6. CIRCULAR, SINGLE, ELASTIC-GUM, FOR WEAR WHEN BATHING.

Fig. 7. "DESIDERATUM," FRONT PAD REDUCIBLE TO ANY ANGLE.

Fig. 8. MOC-MAIN.

Fig. 9. MOC-MAIN, IMPROVED.

TRUSSES FOR INGUINAL HERNIA (*Continued*).

10



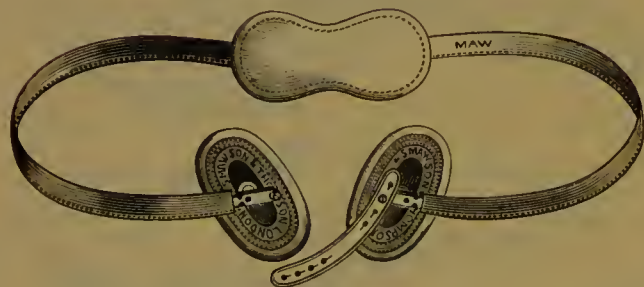
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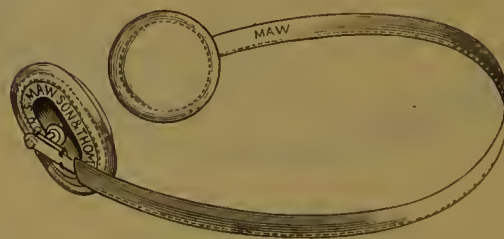
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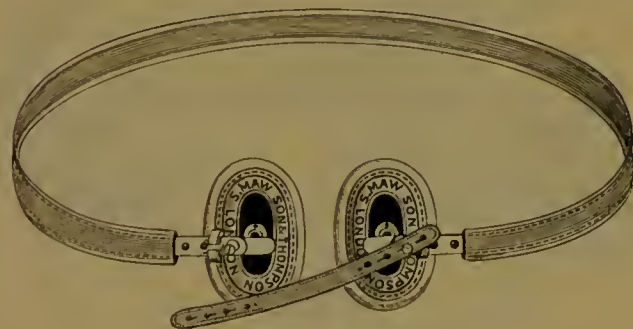
13



14



15



16



17

Fig. 10. COLES', SINGLE.

Fig. 11. COLES', DOUBLE.

Fig. 12. COLES', SINGLE, CIRCULAR SPRING.

Fig. 13. COLES', DOUBLE, CIRCULAR SPRING.

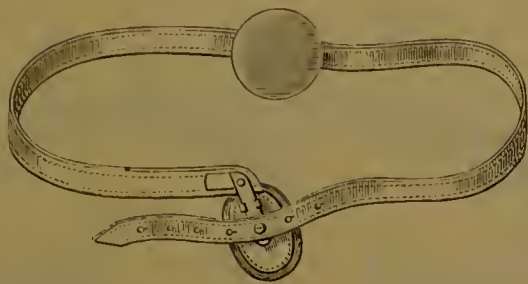
Fig. 14. SALMON & ODY's, DOUBLE.

Fig. 15. SALMON & ODY's, SINGLE.

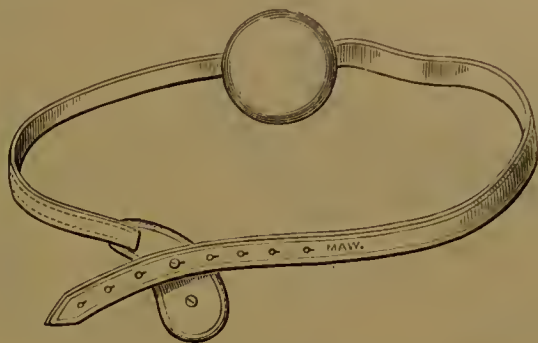
Fig. 16. SALMON & ODY's, DOUBLE, IMPROVED.

Fig. 17. SALMON & ODY's, SINGLE, IMPROVED.

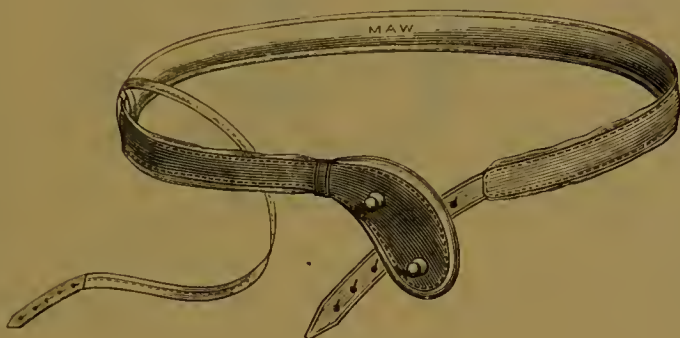
TRUSSES FOR FEMORAL, IRREDUCIBLE, AND SCROTAL HERNIA.



18



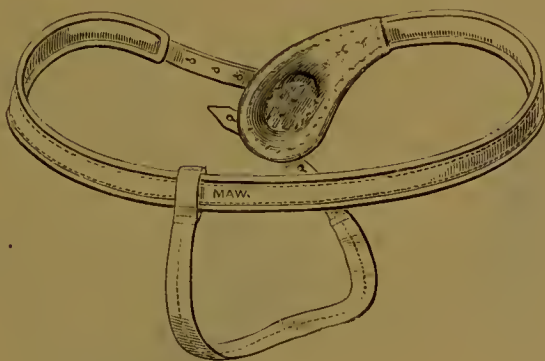
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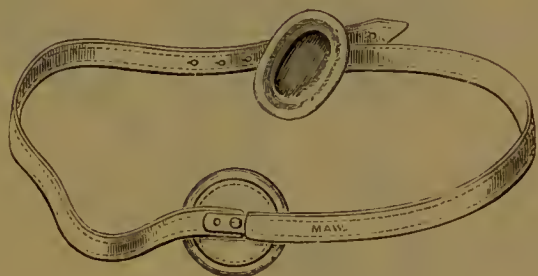
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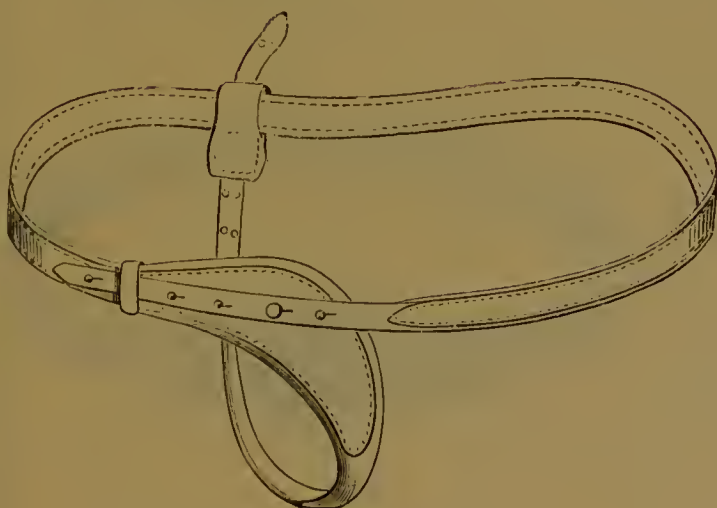
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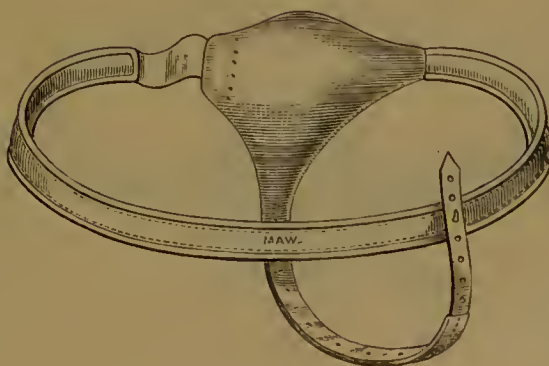
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Fig. 18. FEMORAL, SINGLE, WITH REVOLVING PAD.

Fig. 19. FEMORAL, SINGLE, COLES'.

Fig. 20. FEMORAL, CIRCULAR, SINGLE.

Fig. 21. FEMORAL, CIRCULAR, DOUBLE.

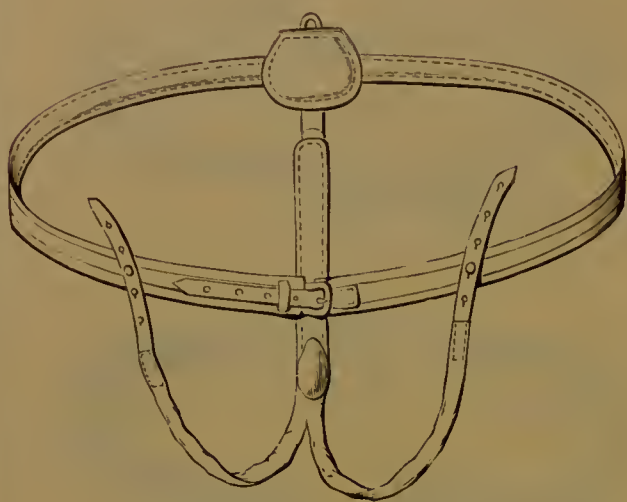
Fig. 22. } IRREDUCIBLE, HOLLOW PAD.

Fig. 23. }

Fig. 24. SCROTAL, CIRCULAR, SINGLE.

Fig. 25. SCROTAL, CIRCULAR, SINGLE, IMPROVED.

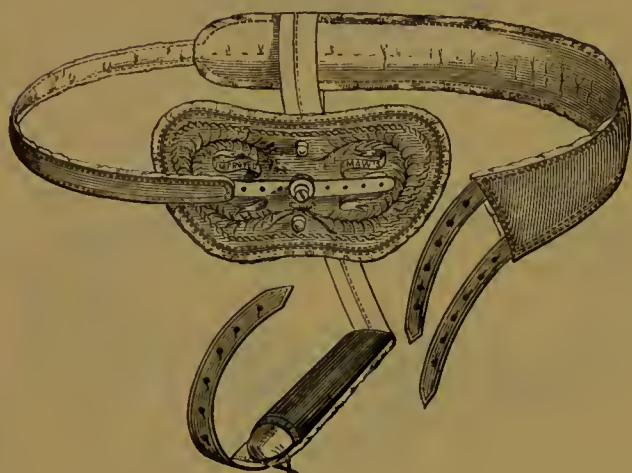
TRUSSES FOR PROLAPUS AND UMBILICAL HERNIA.



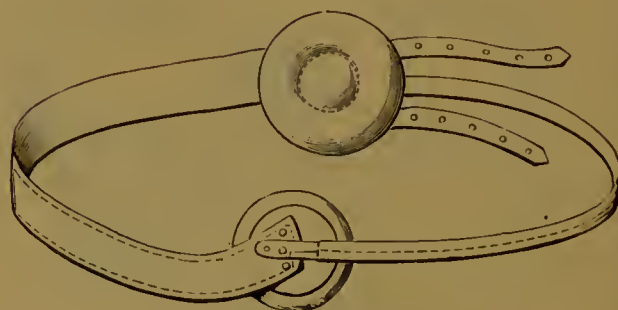
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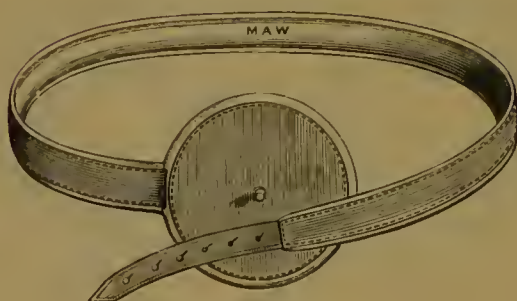
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30



31

Fig. 26. PROLAPSE OF THE RECTUM.
 Fig. 27. PROLAPSE OF THE RECTUM, MAW'S.
 Fig. 28. PROLAPSE OF THE UTERUS, HULL'S.

Fig. 29. UMBILICAL HERNIA.
 Fig. 30. UMBILICAL HERNIA, CIRCULAR SPRING.
 Fig. 31. UMBILICAL HERNIA, LEATHER BAND,
 MOC-MAIN PAD.

U R I N A L S.

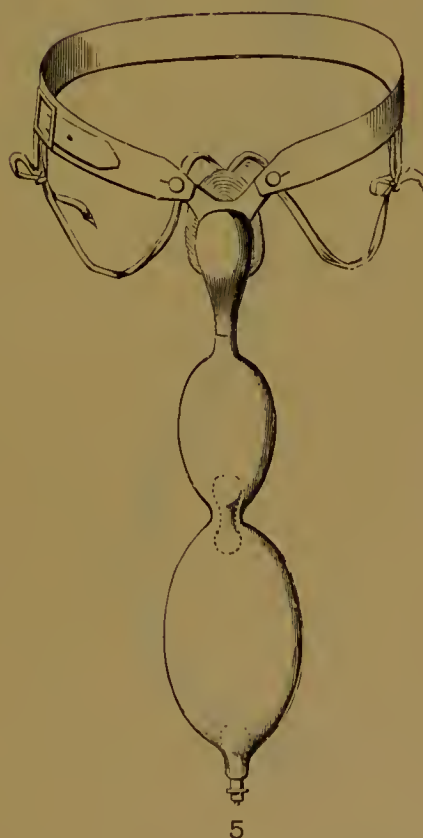
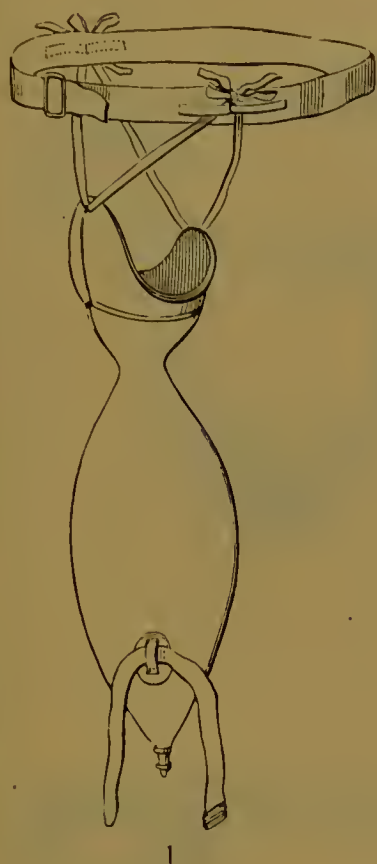


Fig. 1. FEMALE.

Fig. 2. MALE, FOR DAY USE AND TRAVELLING.

Fig. 3. MALE, TO CONTAIN THE SCROTUM.

Fig. 4. MALE, FOR NIGHT USE.

Fig. 5. MALE, FOR NIGHT USE, WITH DOUBLE CHAMBER.

Fig. 6. MALE, FOR DAY AND NIGHT USE.

URINALS (Continued).

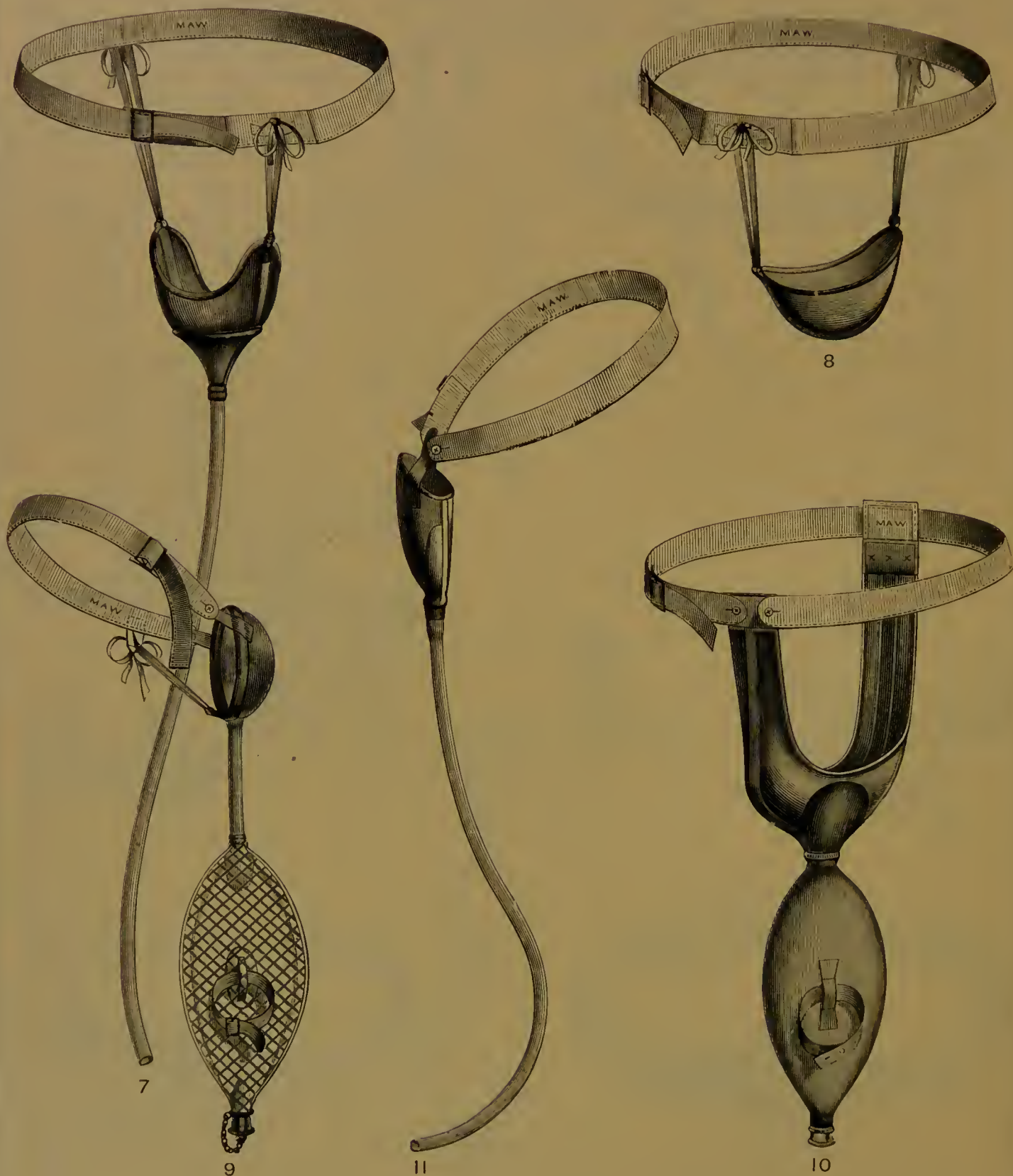


Fig. 7. } FEMALE, FOR BED USE.
 Fig. 8. }
 Fig. 9. FOR EXTROVERSION OF BLADDER.

Fig. 10. FOR FECES AND URINE, MALE OR FEMALE.
 Fig. 11. MALE, FOR BED USE.

SECTION XIII.

ASPIRATORS, TROCARS, AND SYRINGES FOR
SUBCUTANEOUS INJECTIONS, ETC.

CONTENTS OF SECTION XIII.

ASPIRATORS :—

DIEULAFOY'S.

MAW'S.

SYRINGES FOR SUBCUTANEOUS INJECTIONS :—

SCREW PISTON.

SLIDE PISTON.

SLIDE AND SCREW PISTON.

TROCARS :—

ABDOMEN.

TROCARS (*Continued*) :—

ANASARCA, SOUTHEY'S.

ASCITES, SOUTHEY'S.

BLADDER.

EVACUATION, BIRD'S.

EXPLORING.

HYDROCELE.

PARACENTESIS THORACIS.

SYPHON.

ASPIRATORS.

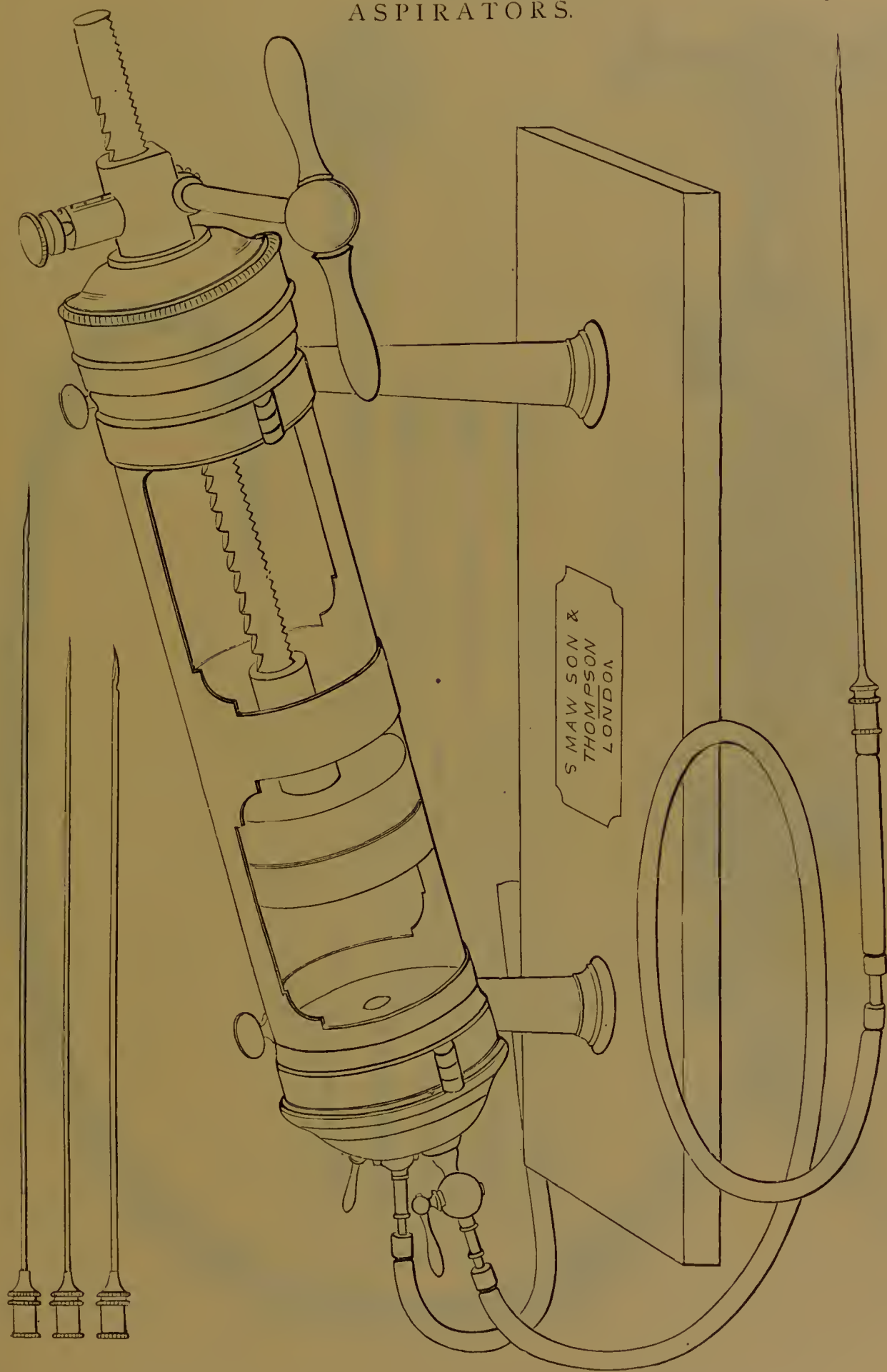


Fig. 1. DIEULAFOY'S, WITH INLET AND OUTLET TUBES, CANULAS AND NEEDLES (Specially adapted for Hospitals.)

ASPIRATORS (Continued).

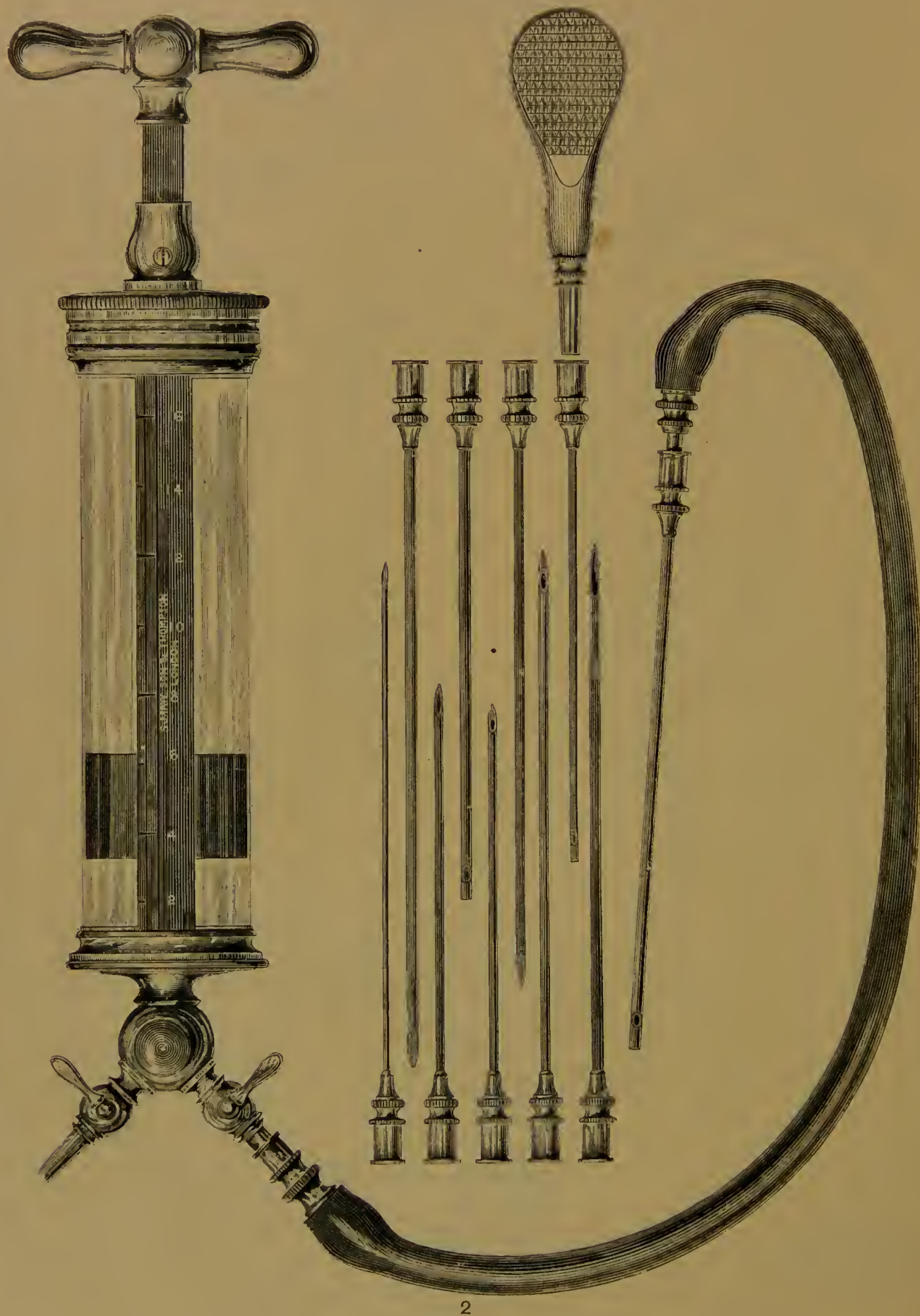
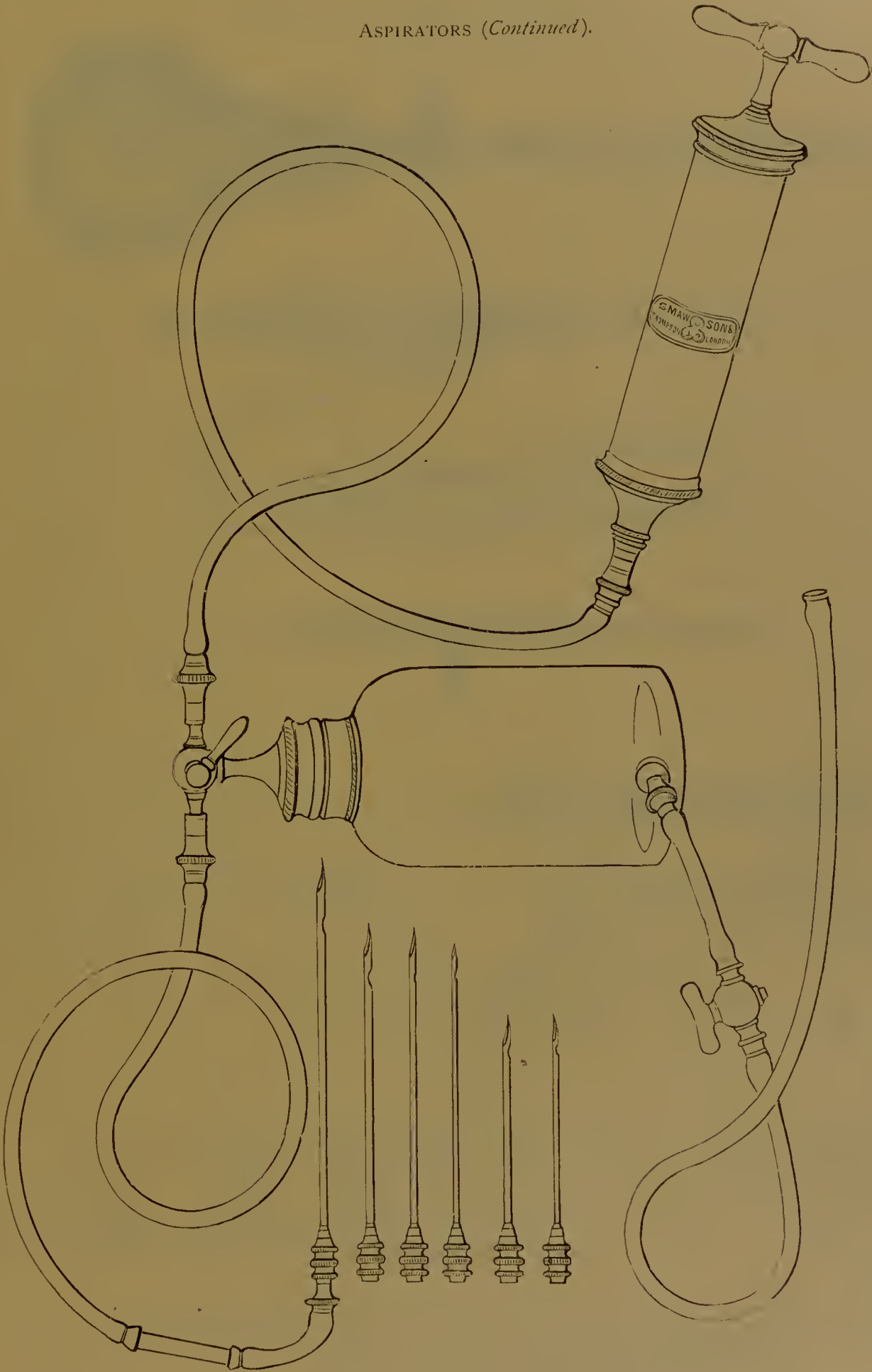


Fig. 2. DIEULAFOY'S, WITH TWO STOP-COCKS, CANULAS AND NEEDLES.

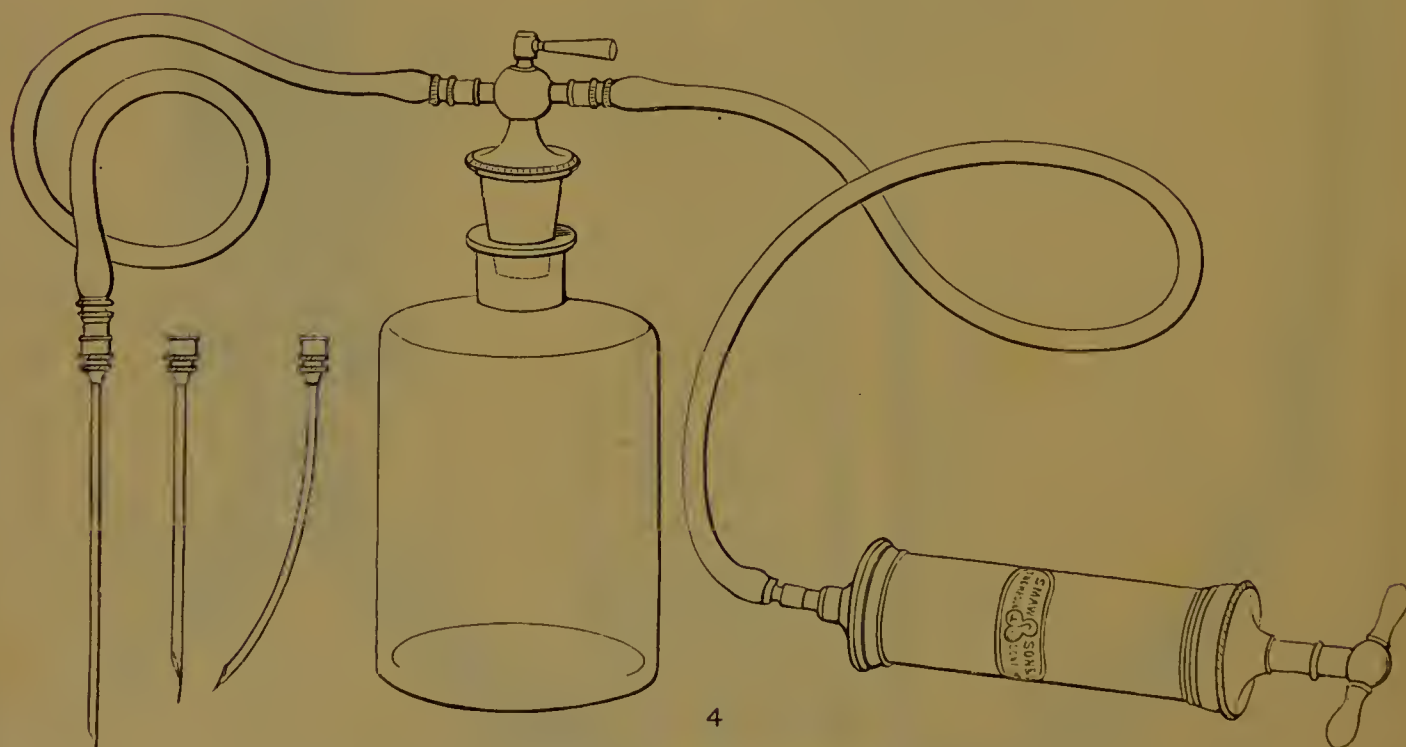
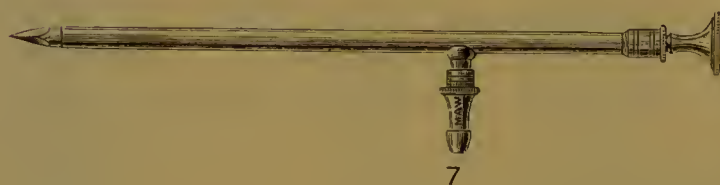
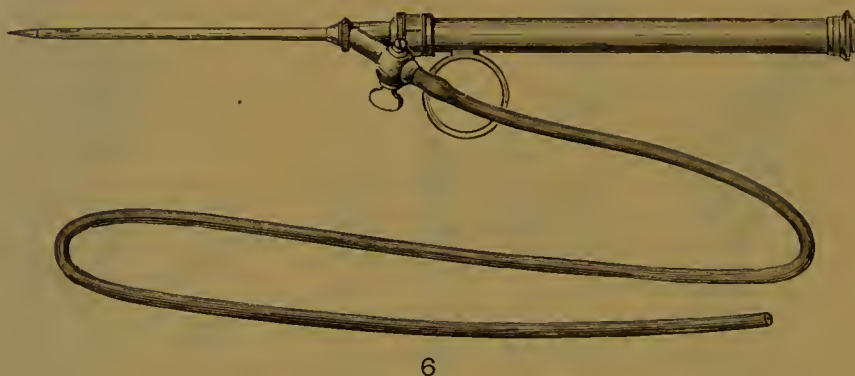
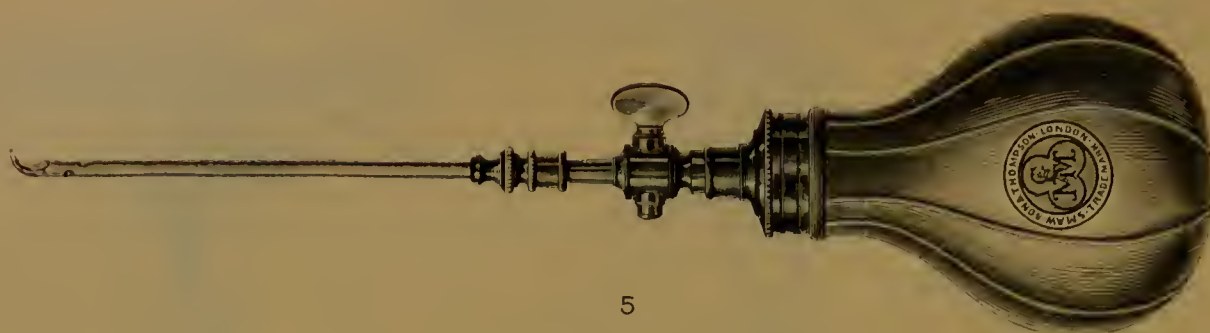
ASPIRATORS (Continued).



3

Fig. 3. WITH GLASS CHAMBER, INLET AND OUTLET TUBES, AND NEEDLES.

ASPIRATOR AND TROCARS.



- Fig. 4. ASPIRATOR, MAW'S, ADAPTABLE TO ANY FORM OF BOTTLE.
 Fig. 5. TROCAR, WITH INDIA-RUBBER BOTTLE.
 Fig. 6. TROCAR, WITH SYPHON TUBE, FRÄNTZEL'S.
 Fig. 7. TROCAR, SYPHON, THOMPSON'S.

TROCARS.

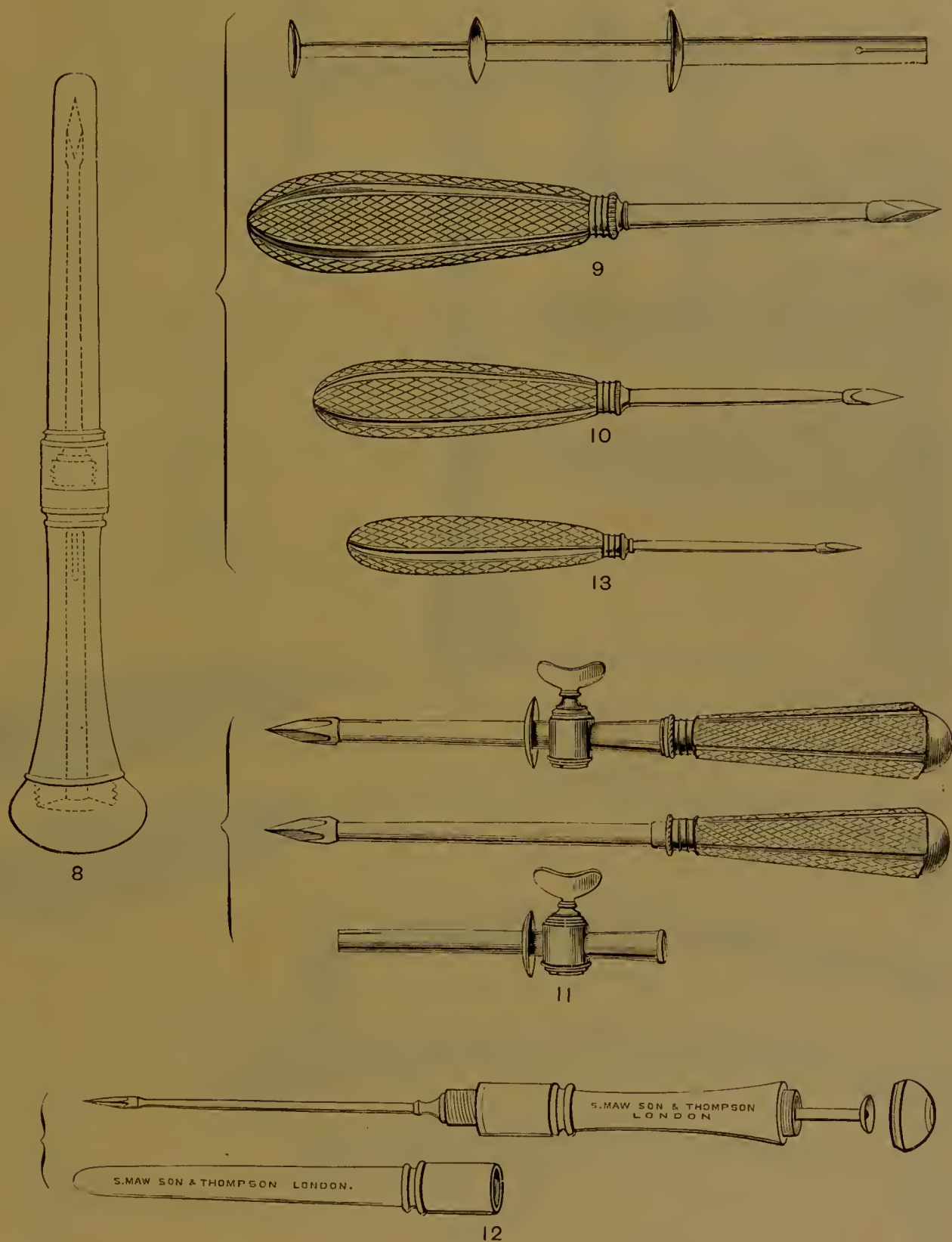


Fig. 8. ABDOMEN, IN EBONY CASE.
 Fig. 9. } ABDOMEN, IN EBONY HANDLE.
 Fig. 10. }

Fig. 11. ABDOMEN, WITH STOP-COCK.
 Fig. 12. EXPLORING.
 Fig. 13. HYDROCELE.

TROCARS (Continued).

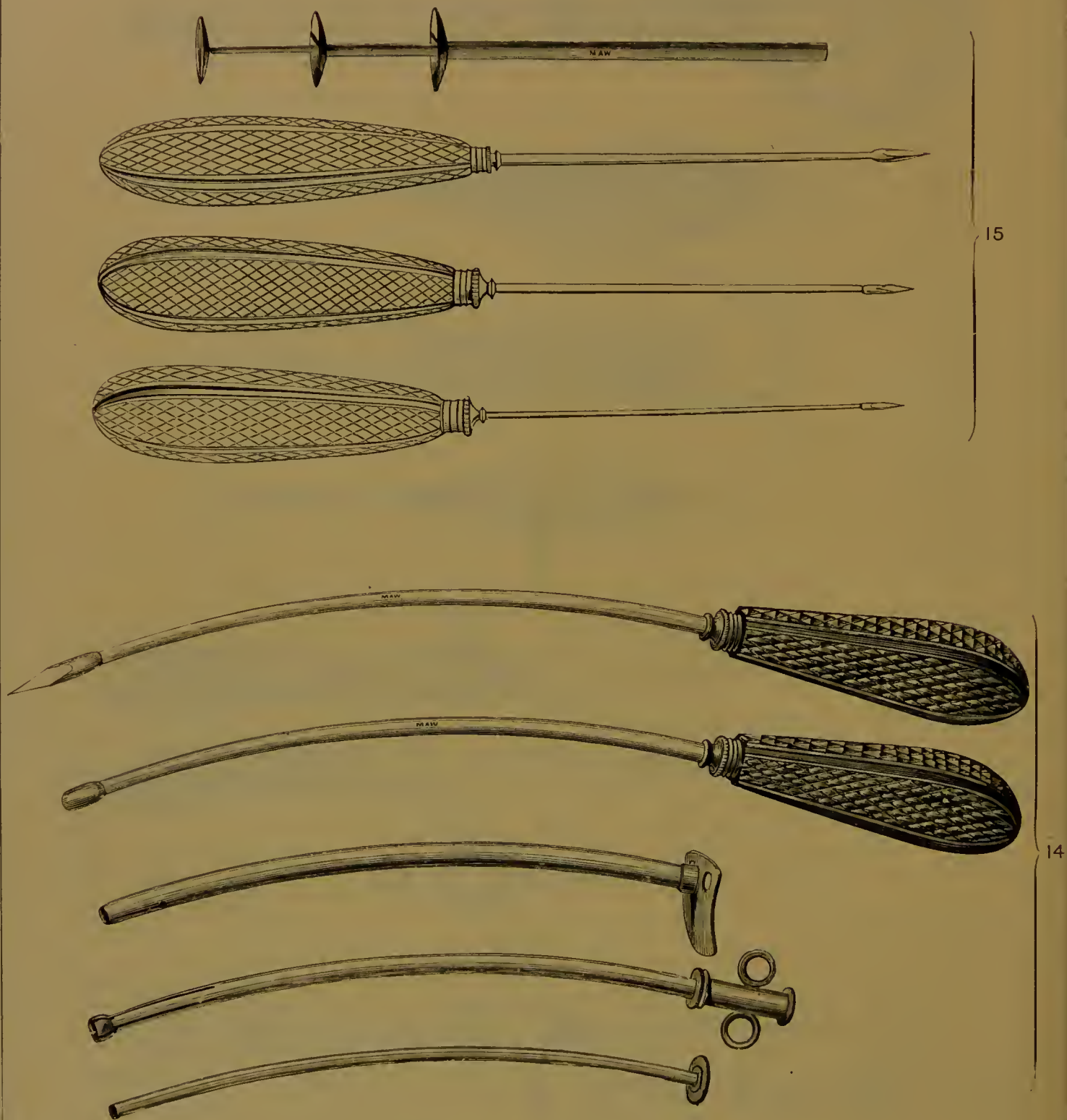


Fig. 14. COCK'S SET, WITH CANULAS, FOR THE BLADDER.

Fig. 15. LONG FINE POINTS, WITH CANULAS FOR EXPLORING.

TROCARS (Continued).

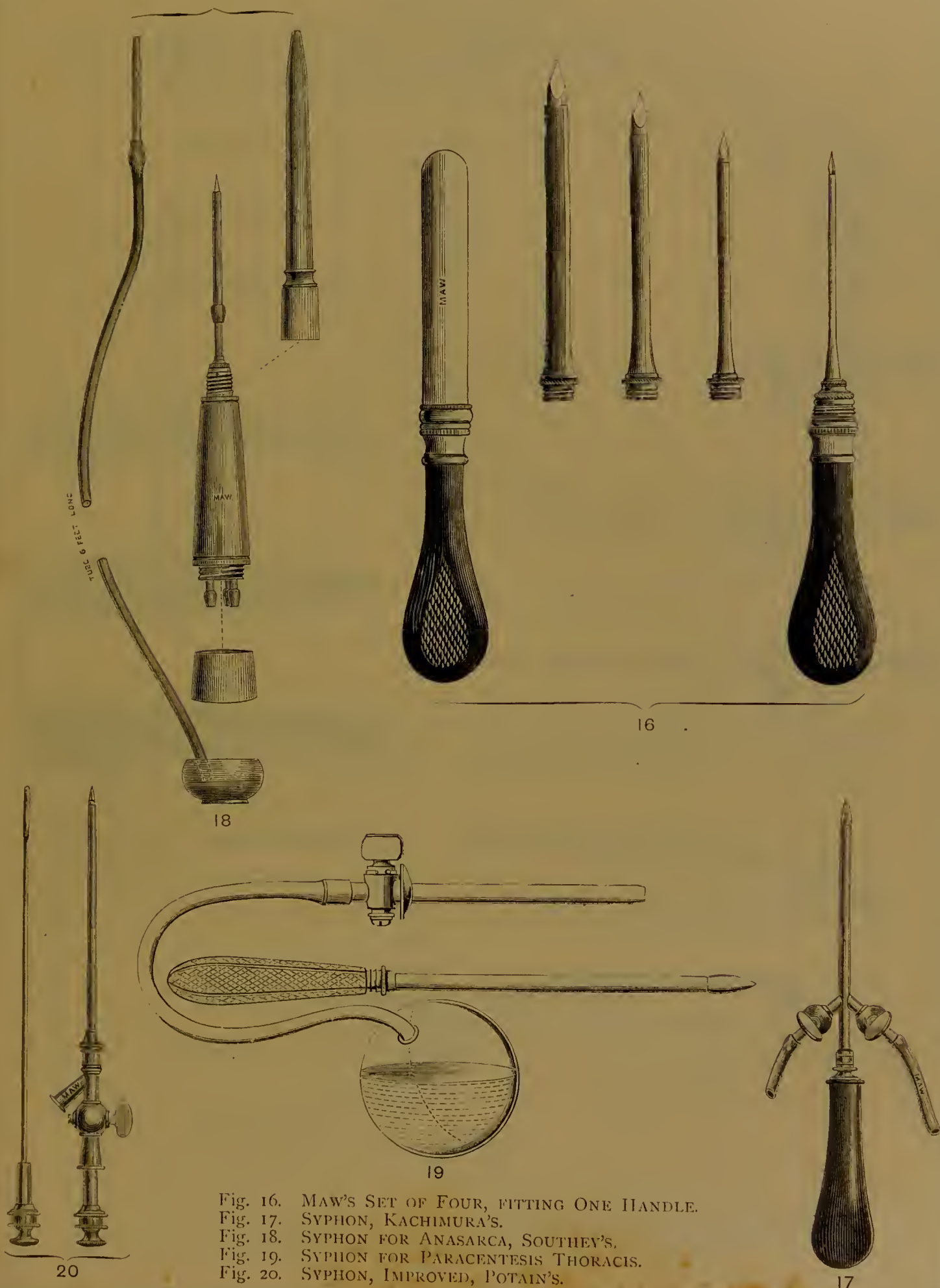
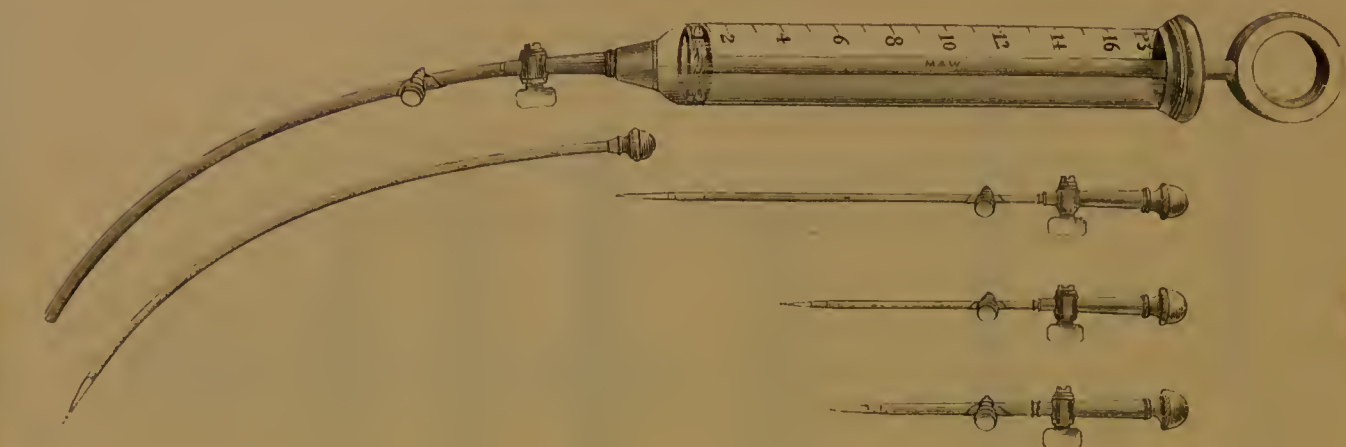
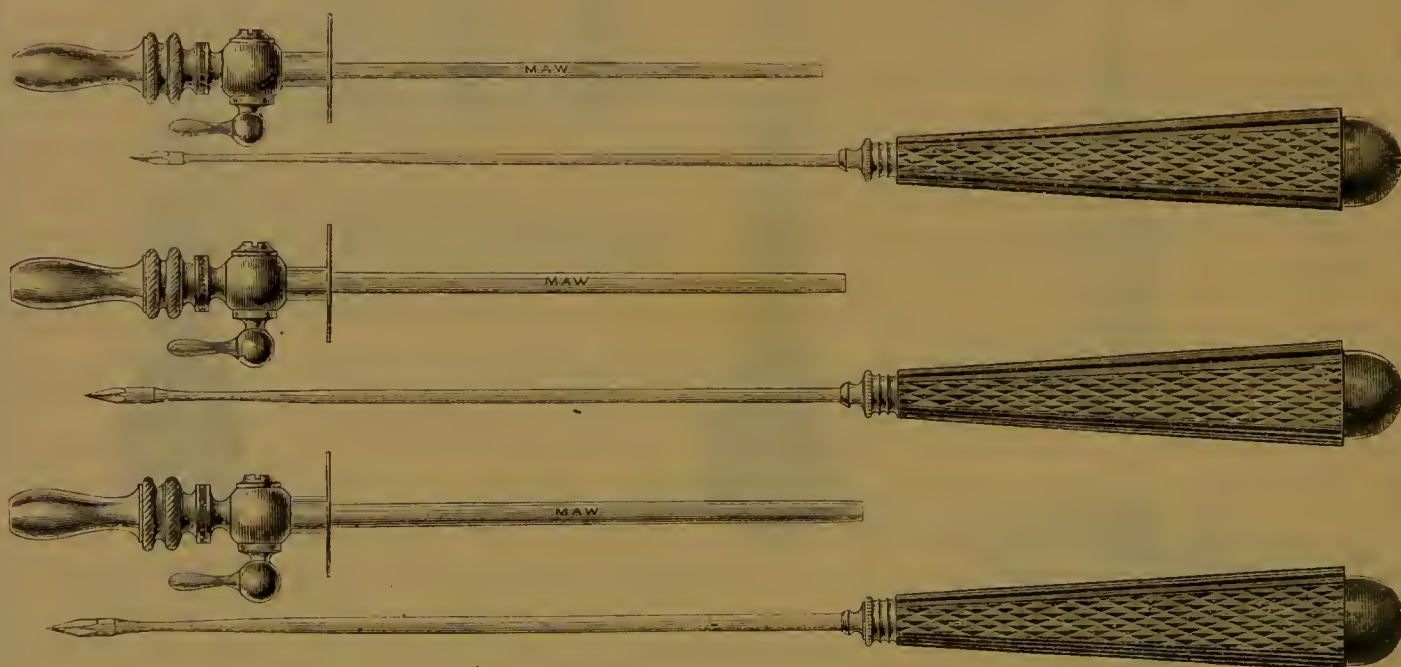


Fig. 16. MAW'S SET OF FOUR, FITTING ONE HANDLE.
 Fig. 17. SYPHON, KACHIMURA'S.
 Fig. 18. SYPHON FOR ANASARCA, SOUTHEY'S.
 Fig. 19. SYPHON FOR PARACENTESIS THORACIS.
 Fig. 20. SYPHON, IMPROVED, POTAIN'S.

TROCARS (Continued).

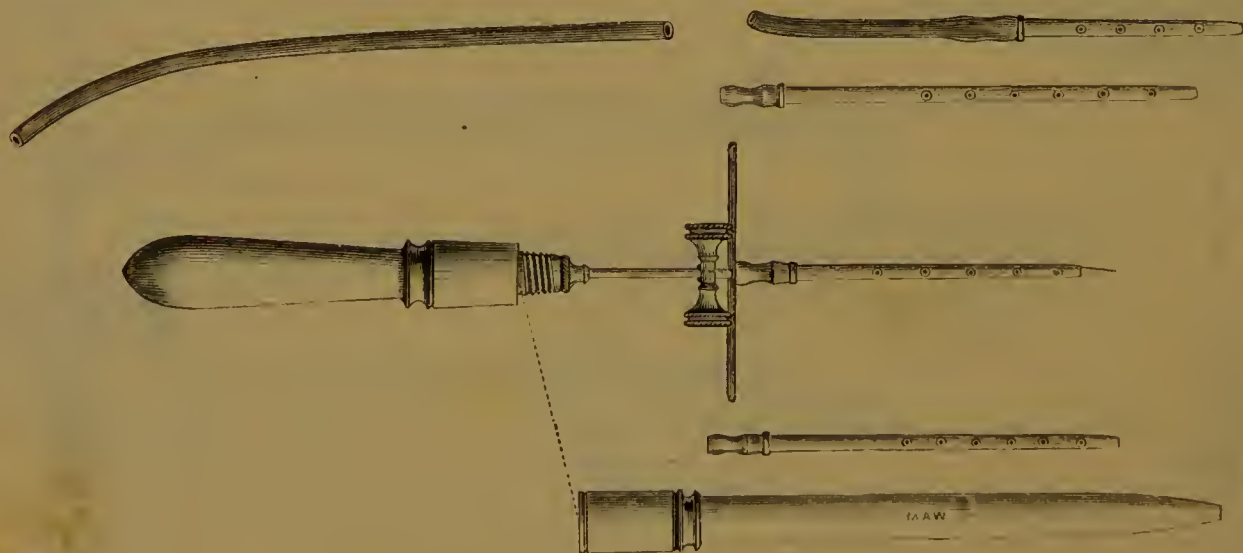


21



22

TUBE 6 FEET LONG



23

- Fig. 21. FOR THE ASPIRATION OF TUMOURS, ETC., THROUGH THE RECTUM AND VAGINA, AND FOR THE DIAGNOSIS AND TREATMENT OF EFFUSIONS AND ENCYSTED TUMOURS, BIRD'S.
 Fig. 22. LONG FINE POINTS, WITH CANULAS AND STOP-COCKS, ROBERTS'.
 Fig. 23. SYPHON, WITH CANULAS, FOR ASCITES, SOUTHBY'S.

SYRINGES, FOR SUBCUTANEOUS INJECTIONS.

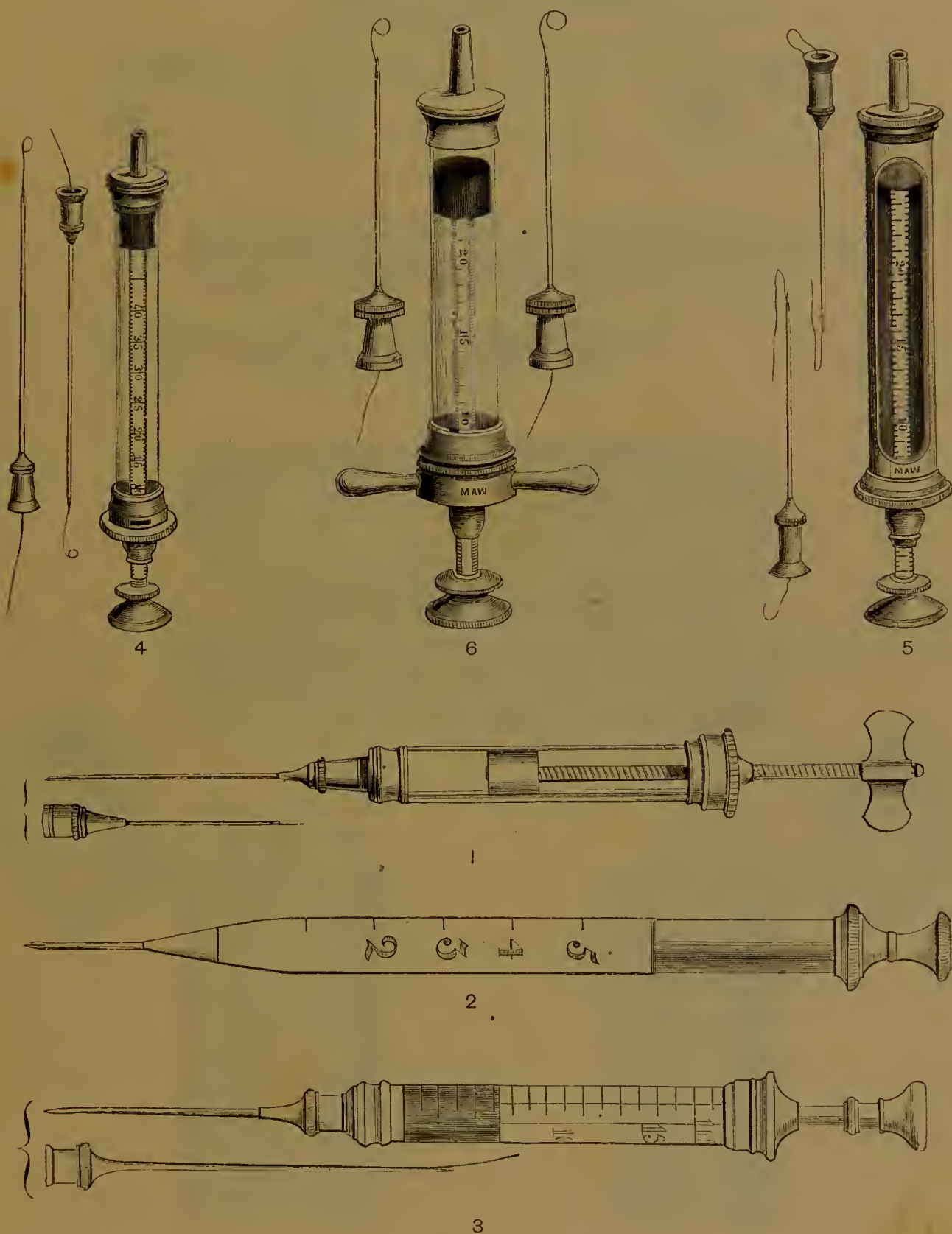


Fig. 1. SCREW PISTON, HUNTER'S.
Fig. 2. SLIDE PISTON.
Fig. 3. SLIDE PISTON, PRAVA'S.
Fig. 4. SLIDE AND SCREW PISTON.

Fig. 5. SLIDE AND SCREW PISTON, SHIFTING BARREL.
Fig. 6. SLIDE AND SCREW PISTON, WITH FINGER BARS.

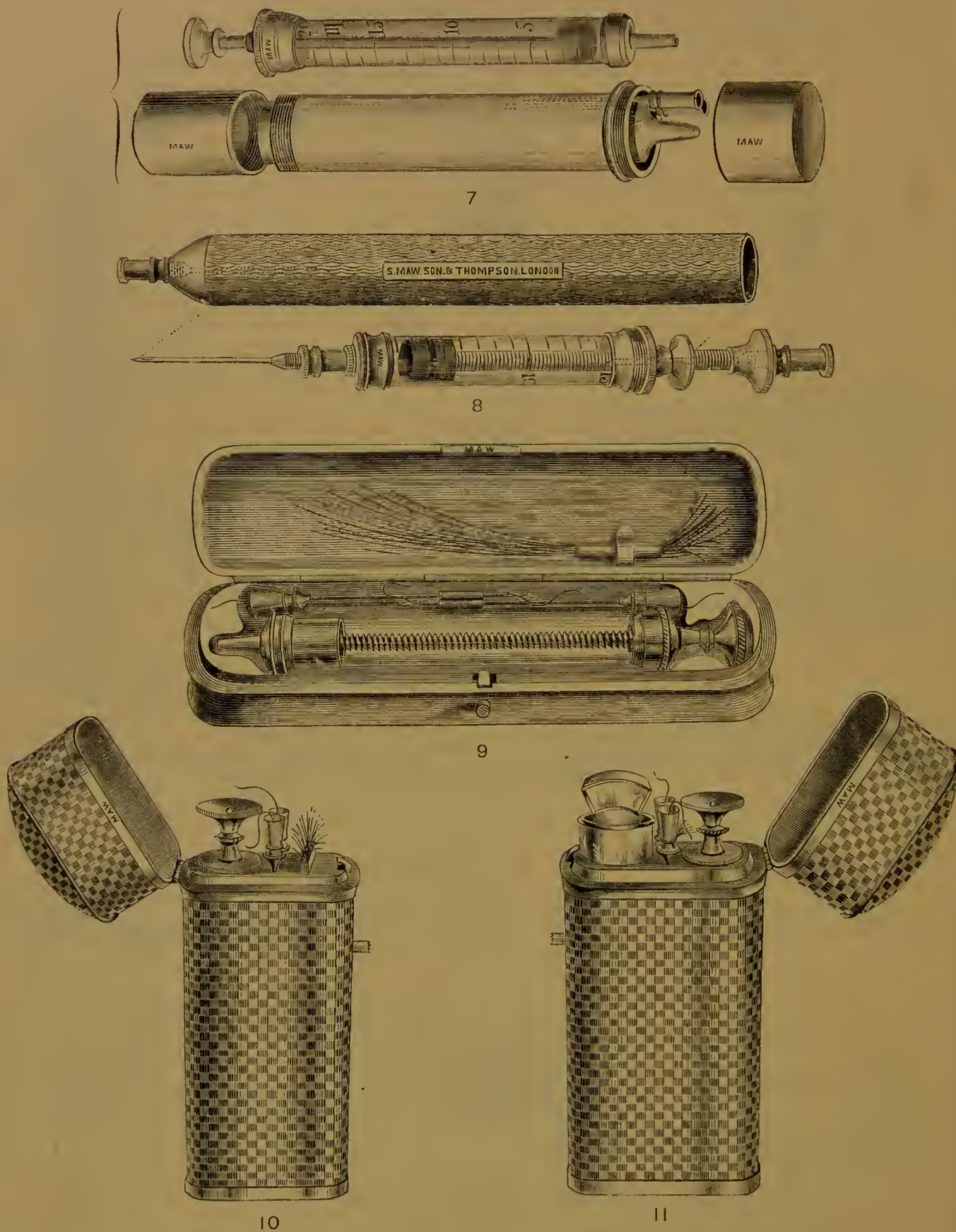
SYRINGES, FOR SUBCUTANEOUS INJECTIONS (*Continued*).

Fig. 7. SLIDE PISTON, METAL CASE.

Figs. 8 } SLIDE AND SCREW PISTON, NICKEL-PLATED CASE.
to 10. }

Fig. 11. SLIDE AND SCREW PISTON, WITH BOTTLE, NICKEL-PLATED CASE.

SECTION XIV.



ENEMA APPARATUS, INJECTION SYRINGES,
STOMACH PUMPS, SYPHON DOUCHES, ETC.

CONTENTS OF SECTION XIV.

ENEMA APPARATUS, BRASS.

ENEMA APPARATUS, INDIA-RUBBER.

ENEMA APPARATUS, WITH RESER-
VOIRS.

O'BEIRN'S TUBES.

RECTUM JETS.

RECTUM TUBES.

STOMACH PUMPS.

STOMACH TUBES.

SYPHON DOUCHES.

SYPHONS, MATTSON'S.

SYRINGES, EAR.

SYRINGES, INDIA-RUBBER.

SYRINGES, PEWTER.

SYRINGES, RECTUM.

SYRINGES, URETHRA.

SYRINGES, VAGINA.

VAGINA TUBES.

ENEMA APPARATUS, BRASS.

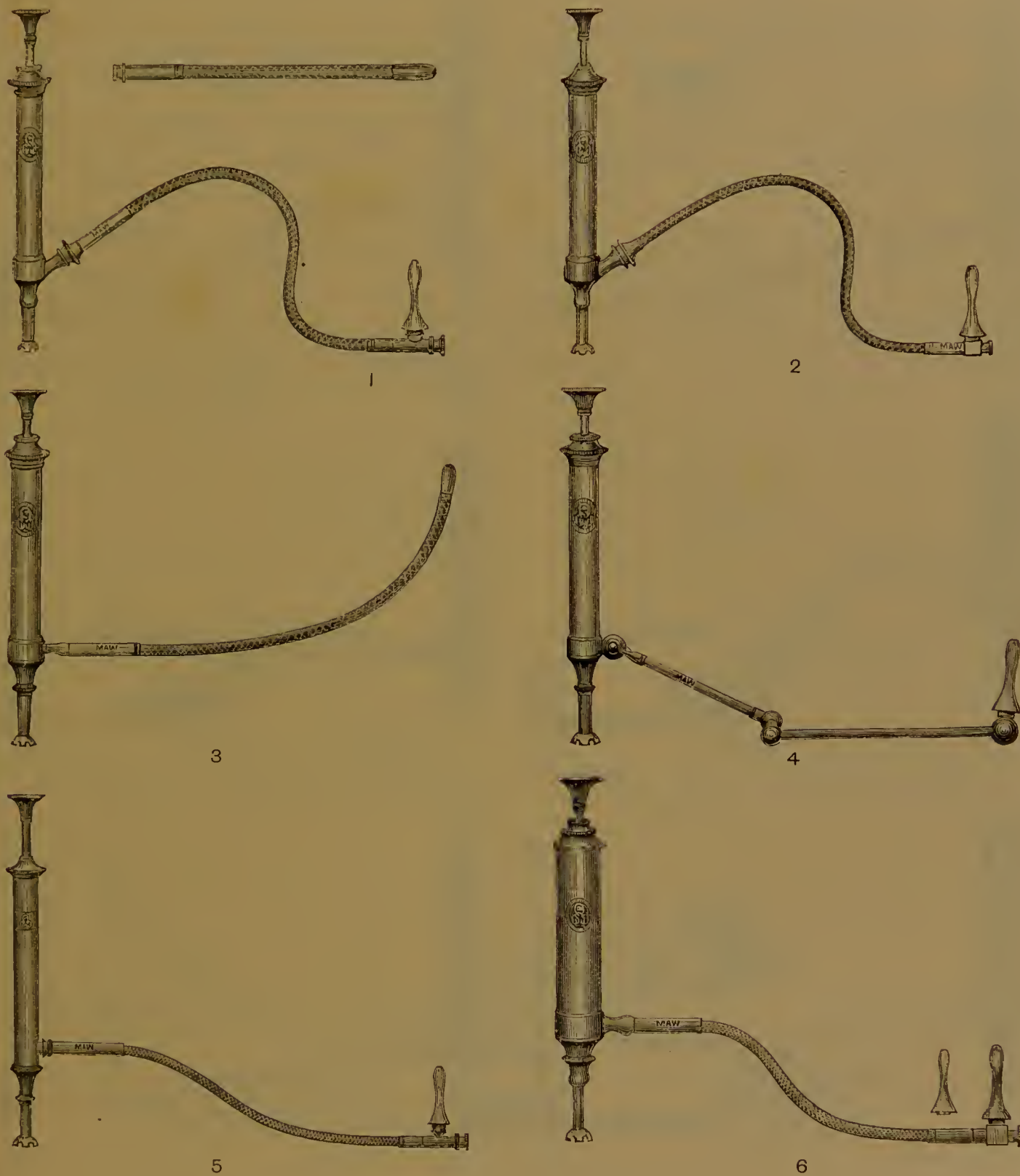
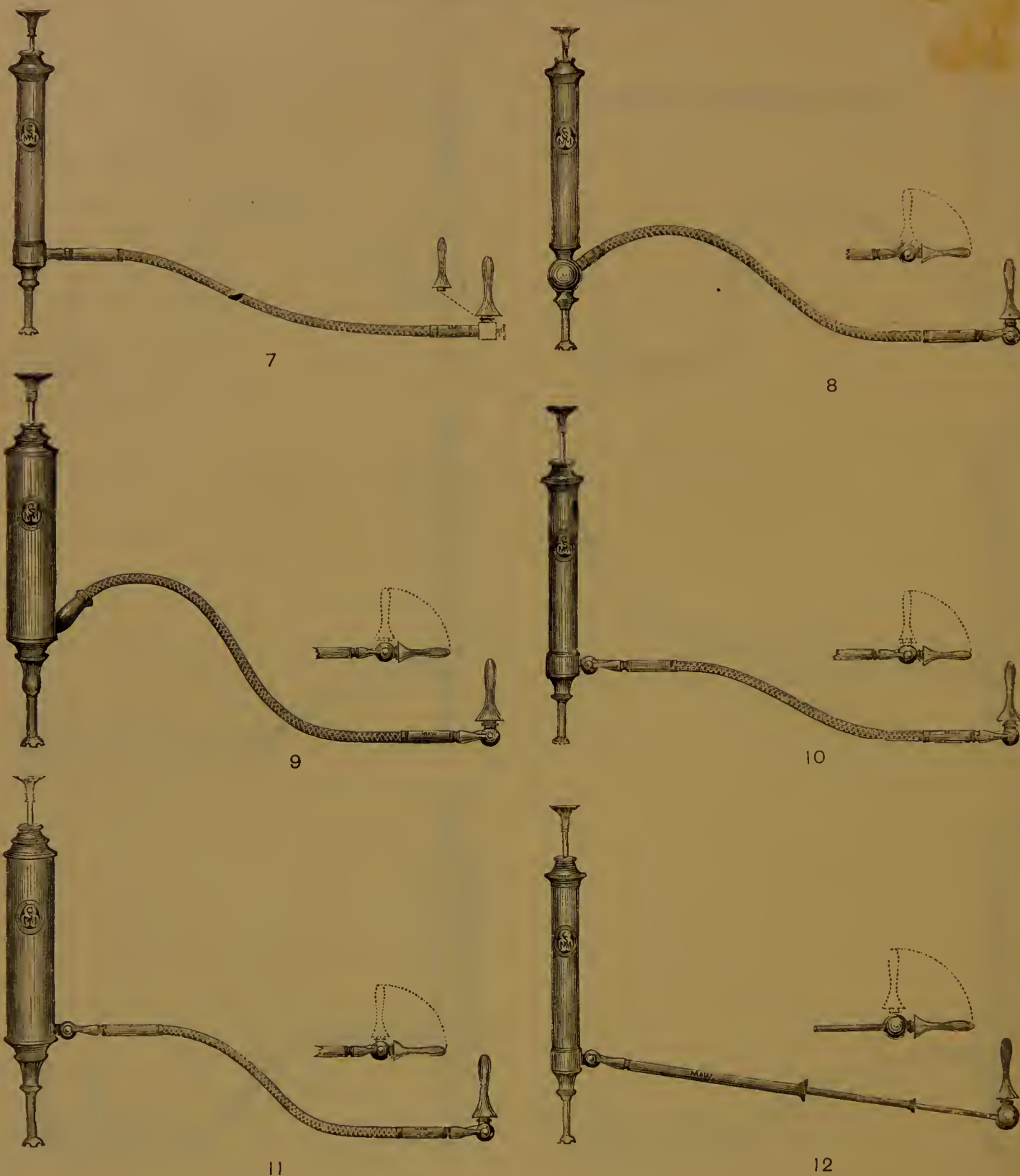


Fig. 1. BENNETT'S.
 Fig. 2. TUBE OF MOHAIR.
 Fig. 3. TUBE OF ELASTIC GUM, O'BEIRN'S.
 Fig. 4. TUBE OF METAL, FOR HOT CLIMATES.
 Fig. 5. TUBE TO DETACH FROM THE BARREL.
 Fig. 6. TUBE TO DETACH FROM THE BARREL, CONTINUOUS-STREAM.

ENEMA APPARATUS, BRASS (Continued).



- Fig. 7. TUBE TO DETACH FROM THE BARREL.
 Fig. 8. TUBE OF INDIA-RUBBER, COVERED WITH SILK.
 Fig. 9. TUBE OF INDIA-RUBBER, COVERED WITH SILK, CONTINUOUS-STREAM.
 Fig. 10. REVOLVING JOINTS.
 Fig. 11. REVOLVING JOINTS, CONTINUOUS-STREAM.
 Fig. 12. TUBE OF METAL, TELESCOPIC, FOR HOT CLIMATES.

ENEMA APPARATUS, INDIA-RUBBER.

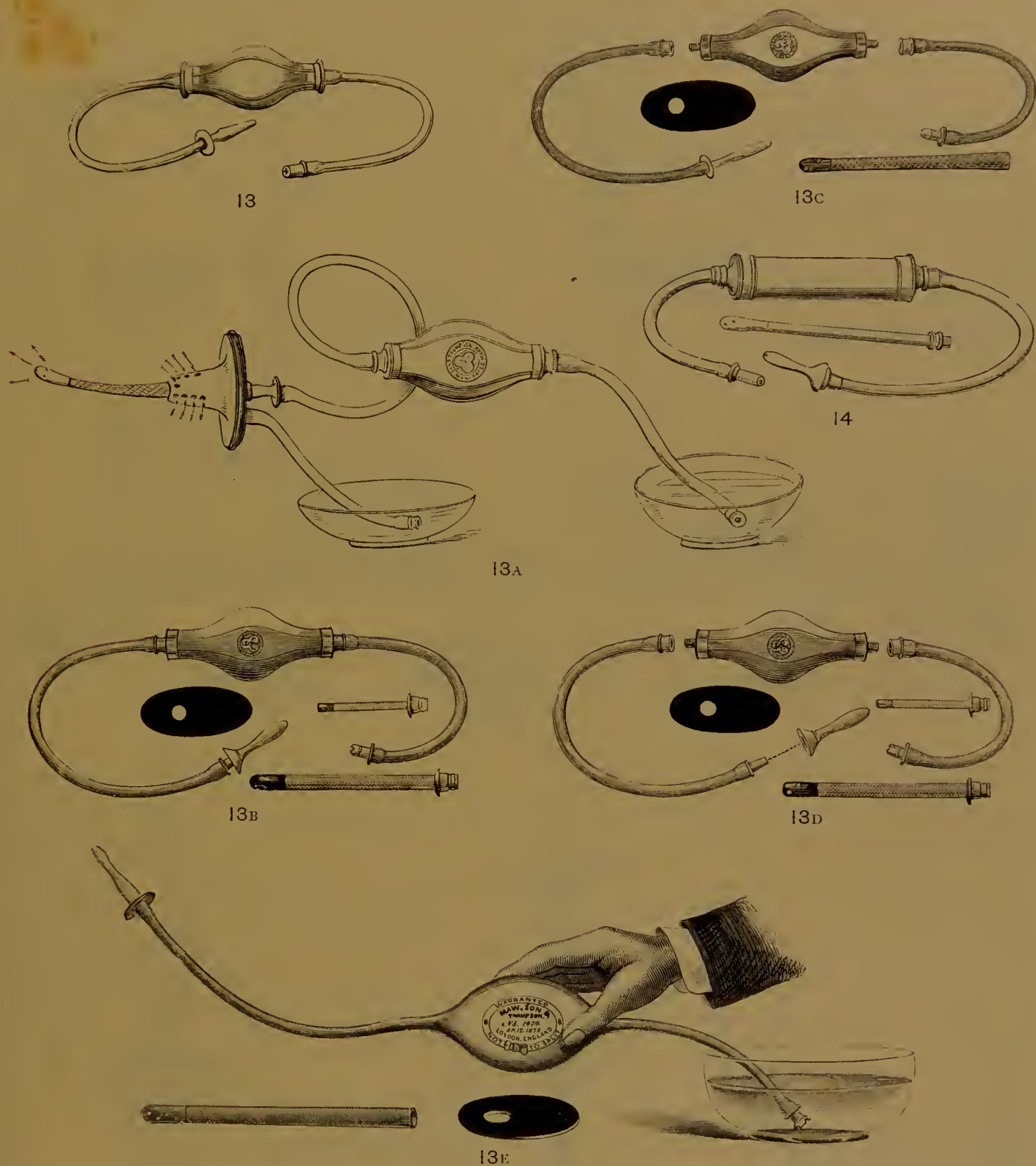


Fig. 13. HIGGINSON'S.

Fig. 13A. HIGGINSON'S, WITH ARAN'S DOUBLE CHANNEL VAGINA TUBE.

Fig. 13B. HIGGINSON'S, WITH ADDITIONAL RECTUM TUBE.

Fig. 13C. HIGGINSON'S, TUBES TO DISCONNECT.

Fig. 13D. HIGGINSON'S, TUBES TO DISCONNECT, WITH ADDITIONAL RECTUM TUBE.

Fig. 13E. HIGGINSON'S, IN ONE CONTINUOUS PIECE; WARRANTED NOT TO SPLIT, BECOME HARD, OR STICKY; SPECIALLY PREPARED TO RESIST HEAT IN THE TROPICS. (PATENT.)

Fig. 14. HIGGINSON'S, TUBULAR.

ENEMA APPARATUS, WITH RESERVOIRS.

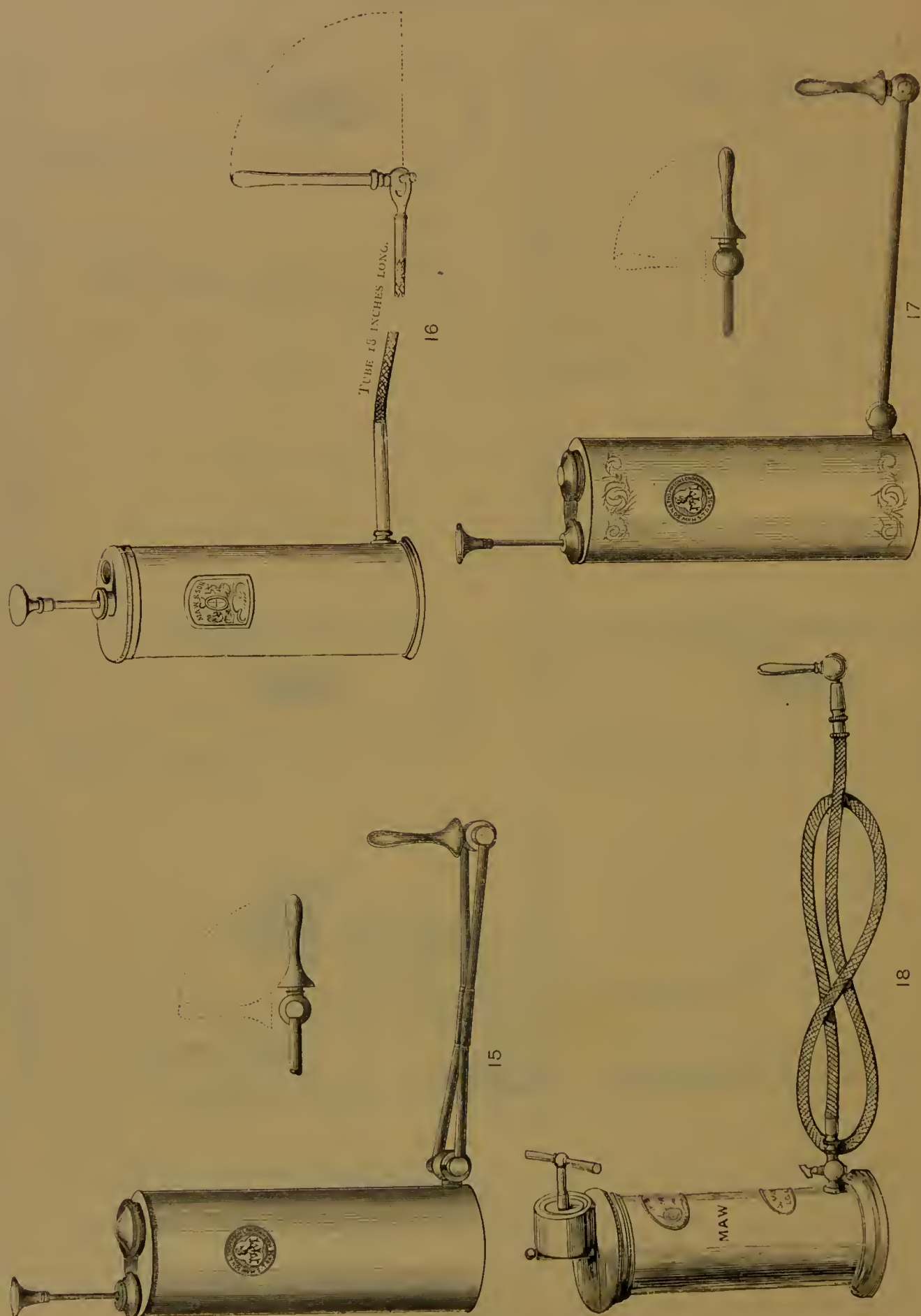


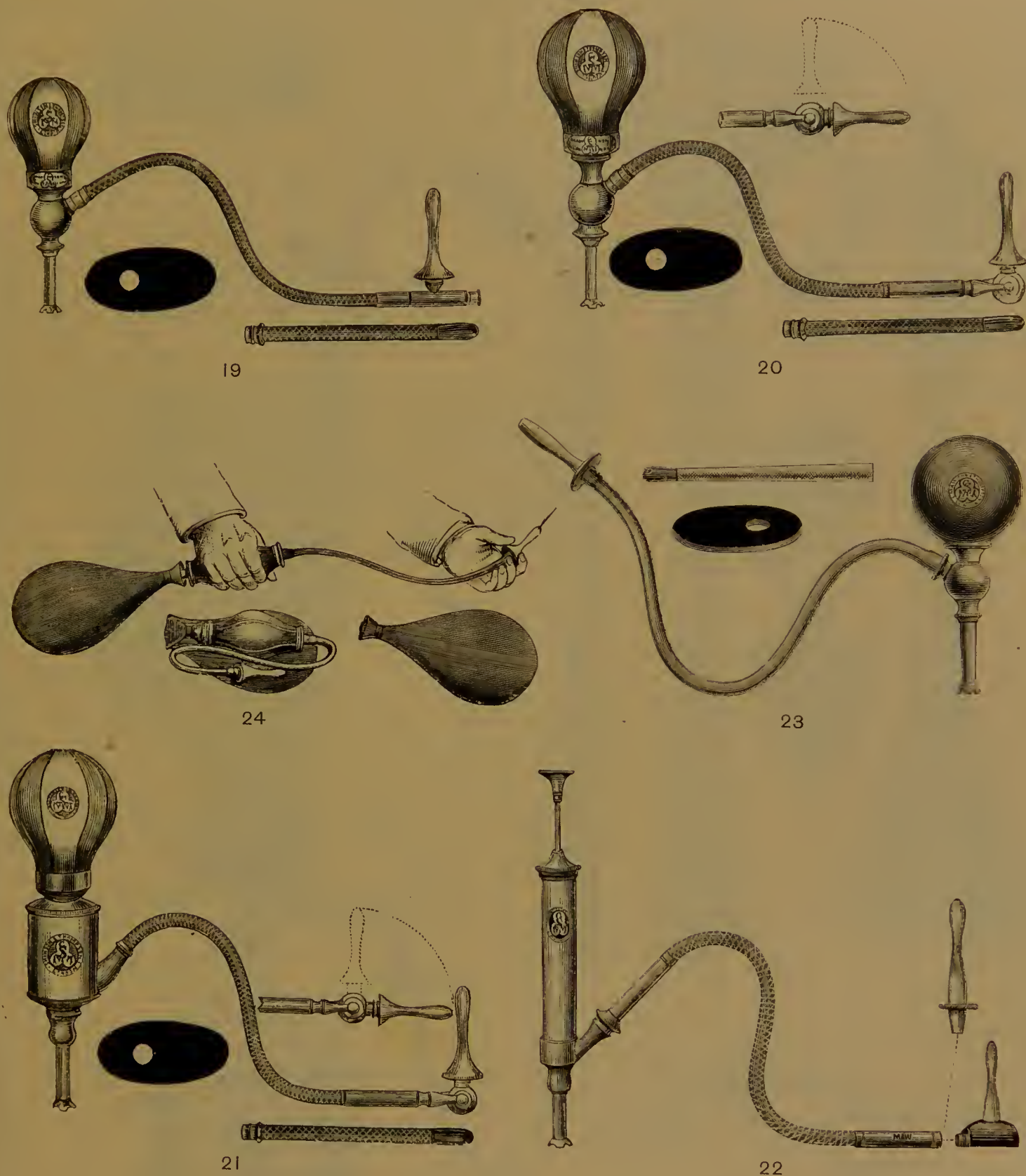
Fig. 17. IMPROVED SINGLE-ACTION.

Fig. 18. IRRIGATOR, EGUISIER'S.

Fig. 15. IMPROVED, CONTINUOUS-STREAM.

Fig. 16. IMPROVED, WITH LONG ELASTIC TUBE, AND VAGINA TUBE.

ENEMA APPARATUS, BRASS AND INDIA-RUBBER.



- Fig. 19. KENNEDY'S.
 Fig. 20. KENNEDY'S, WITH REVOLVING JOINT.
 Fig. 21. KENNEDY'S, WITH REVOLVING JOINT, CONTINUOUS-STREAM.
 Fig. 22. MAW'S DOMESTIC.
 Fig. 23. MAW'S SIPHON.
 Fig. 24. SAVORY AND MOORE'S.

ENEMA APPARATUS, INDIA-RUBBER, AND RECTUM JETS.

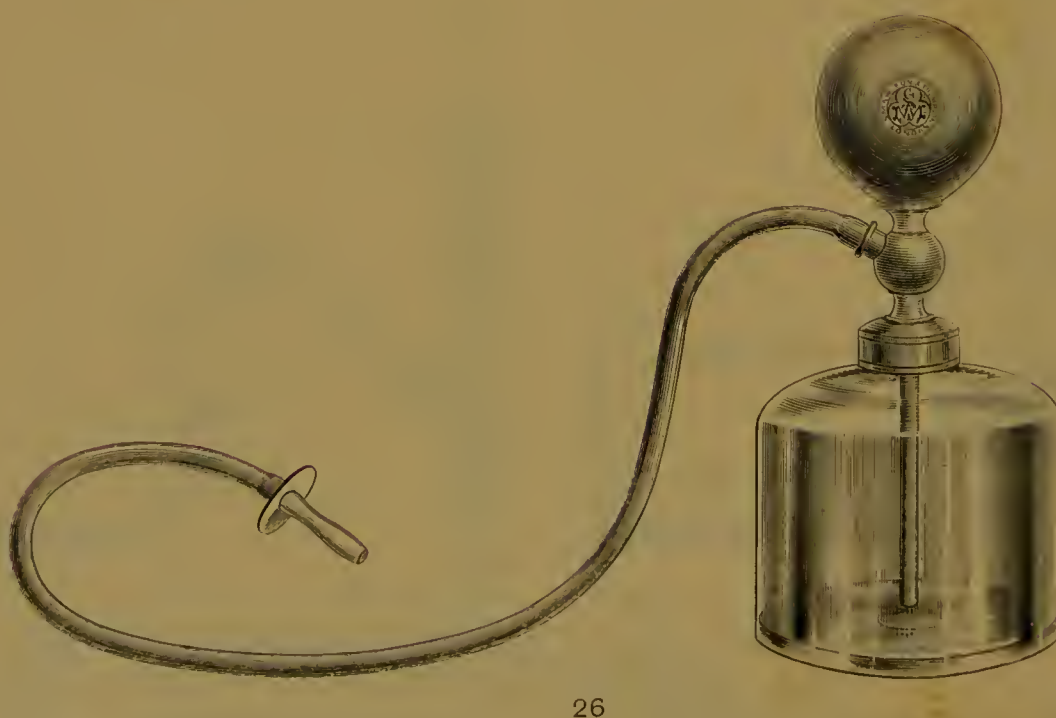
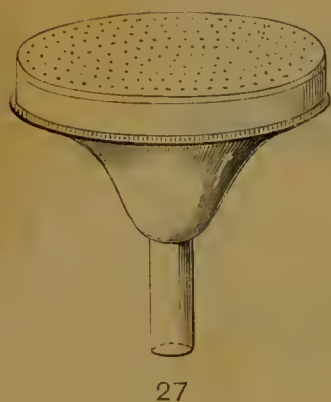
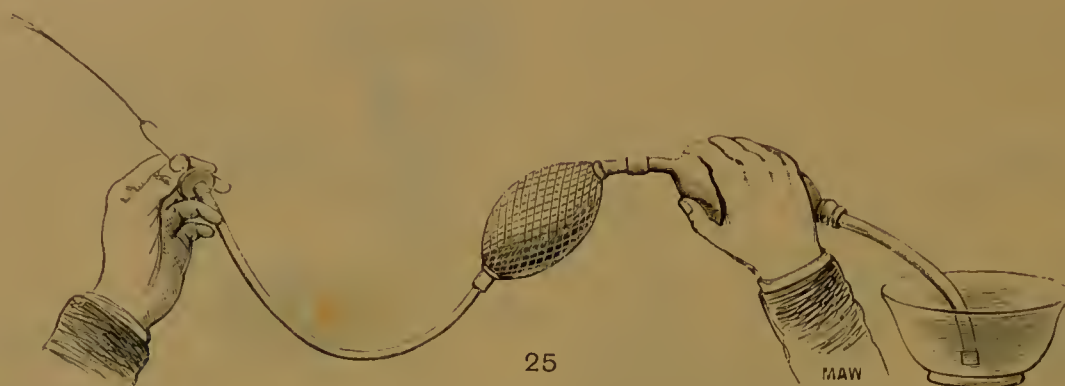


Fig. 25. IMPROVED, CONTINUOUS-STREAM, MAW'S.
 Fig. 26. WITH GLASS CHAMBER, MAW'S.

Figs. 27 } RECTUM JETS, ADAPTABLE TO ANY
 to 29. } FORM OF ENEMA APPARATUS.

SYPHON DOUCHE FOR RECTUM AND VAGINA, GOWLLAND'S.



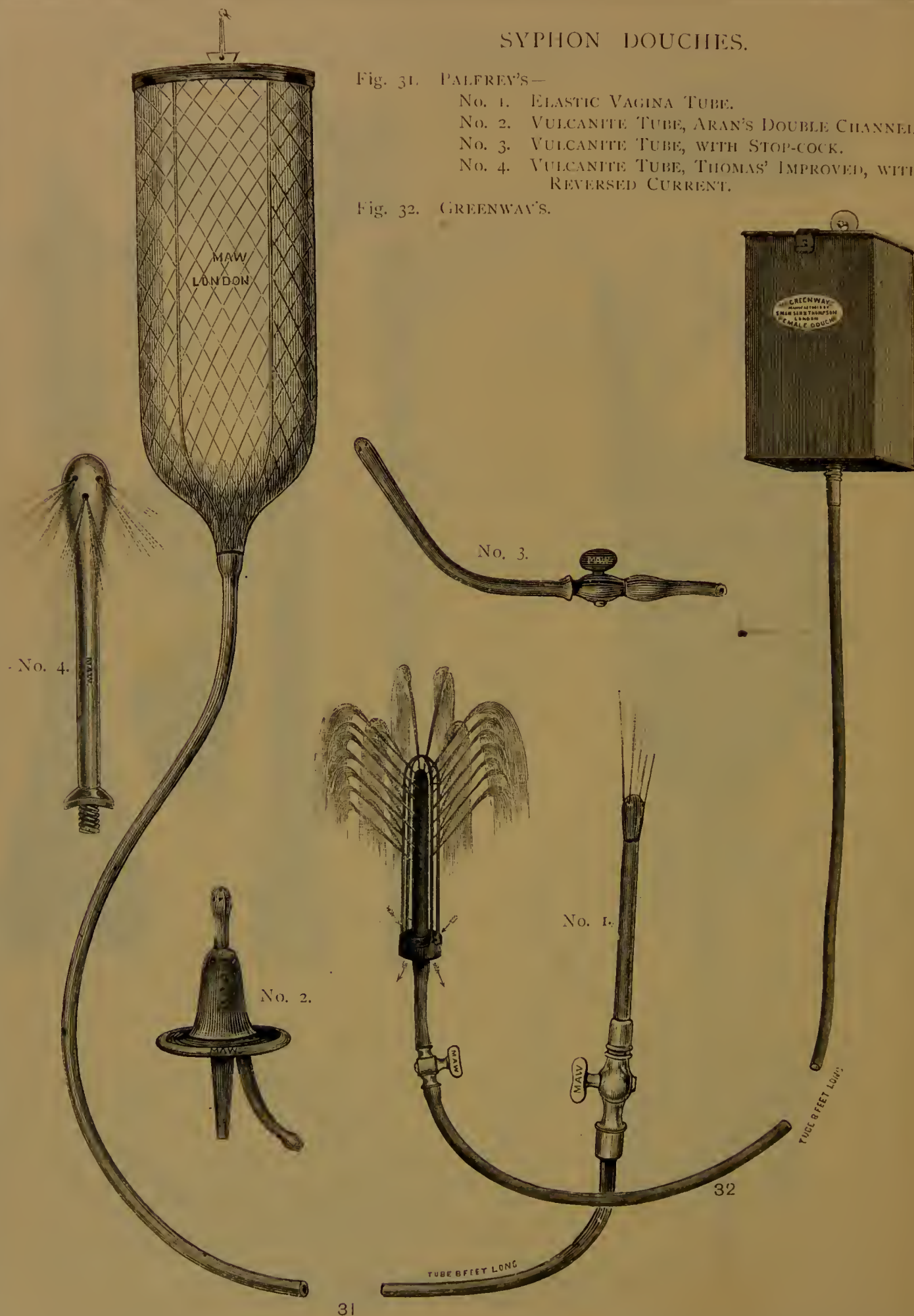
- No. 1. THE APPARATUS READY FOR USE.
- No. 2. RECTUM PIPE, SOFT ELASTIC-GUM.
- No. 3. VAGINA TUBE, VULCANITE, MOUNTED WITH SPONGE.
- Nos. 4, 5. END OF VAGINA TUBE DETACHED, SHOWING THE MODE OF FIXING THE SPONGE.
- No. 6. STOP-COCK AT END OF TUBE.
- No. 7. METAL SINKER, SCREWS ON END OF LONG INDIA-RUBBER TUBE, NO. 1, TO FORM A SYPHON, IF REQUIRED.
- No. 8. THE WHOLE COMPLETE IN BOX.

SYPHON DOUCHES.

Fig. 31. PALFREY'S—

- No. 1. ELASTIC VAGINA TUBE.
- No. 2. VULCANITE TUBE, ARAN'S DOUBLE CHANNEL.
- No. 3. VULCANITE TUBE, WITH STOP-COCK.
- No. 4. VULCANITE TUBE, THOMAS' IMPROVED, WITH REVERSED CURRENT.

Fig. 32. GREENWAY'S.



SYPHON DOUCHES AND SYRINGE.

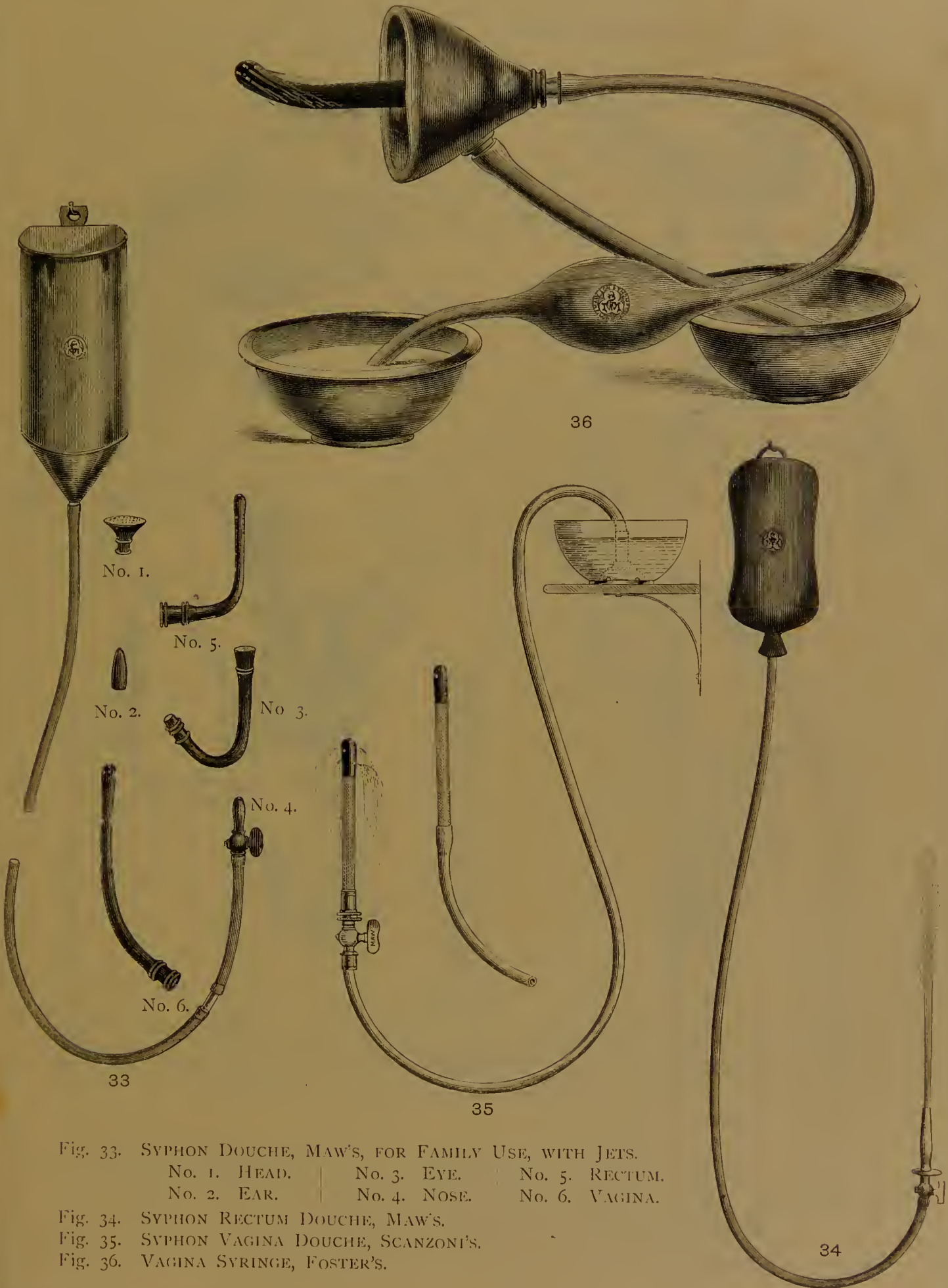


Fig. 33. SYPHON DOUCHE, MAW'S, FOR FAMILY USE, WITH JETS.
No. 1. HEAD. No. 3. EYE. No. 5. RECTUM.
No. 2. EAR. No. 4. NOSE. No. 6. VAGINA.

Fig. 34. SYPHON RECTUM DOUCHE, MAW'S.
Fig. 35. SYPHON VAGINA DOUCHE, SCANZONI'S.
Fig. 36. VAGINA SYRINGE, FOSTER'S.

MATTSON'S RECTUM AND VAGINA SYPHONS.

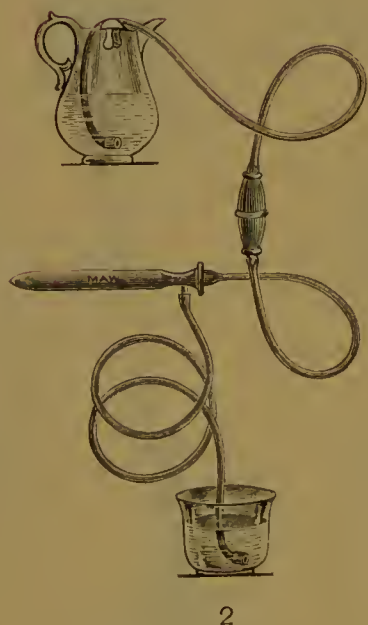
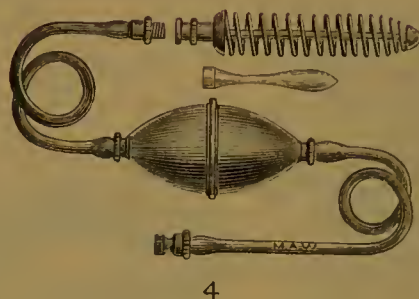
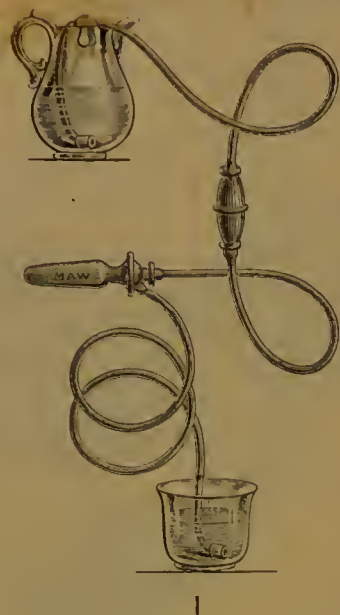


Fig. 1 SYPHON, WITH RECTAL CONE, "FOR THE APPLICATION OF DRY COLD IN THE CURE OF PILES, FISSURES, FISTULAS, OR OTHER FORMS OF RECTUM DISEASE, AND DRY HEAT IN CHRONIC CASES OF PILES IN WHICH THERE IS A LOW GRADE OF VITALITY."

Fig. 2. SYPHON, WITH RECTO-VAGINAL CONE, FOR THE CURE OF UTERINE CONGESTIONS.

Fig. 3. SYPHON SYRINGE, WITH RECTO-VAGINAL CONE, FOR UTERINE CONGESTIONS, DISPLACEMENTS, AND OTHER DISEASES.

Fig. 4. VAGINA SPRAY SYRINGE, FOR CLEANSING THE VAGINA, ETC.

RECTUM AND VAGINA TUBES.

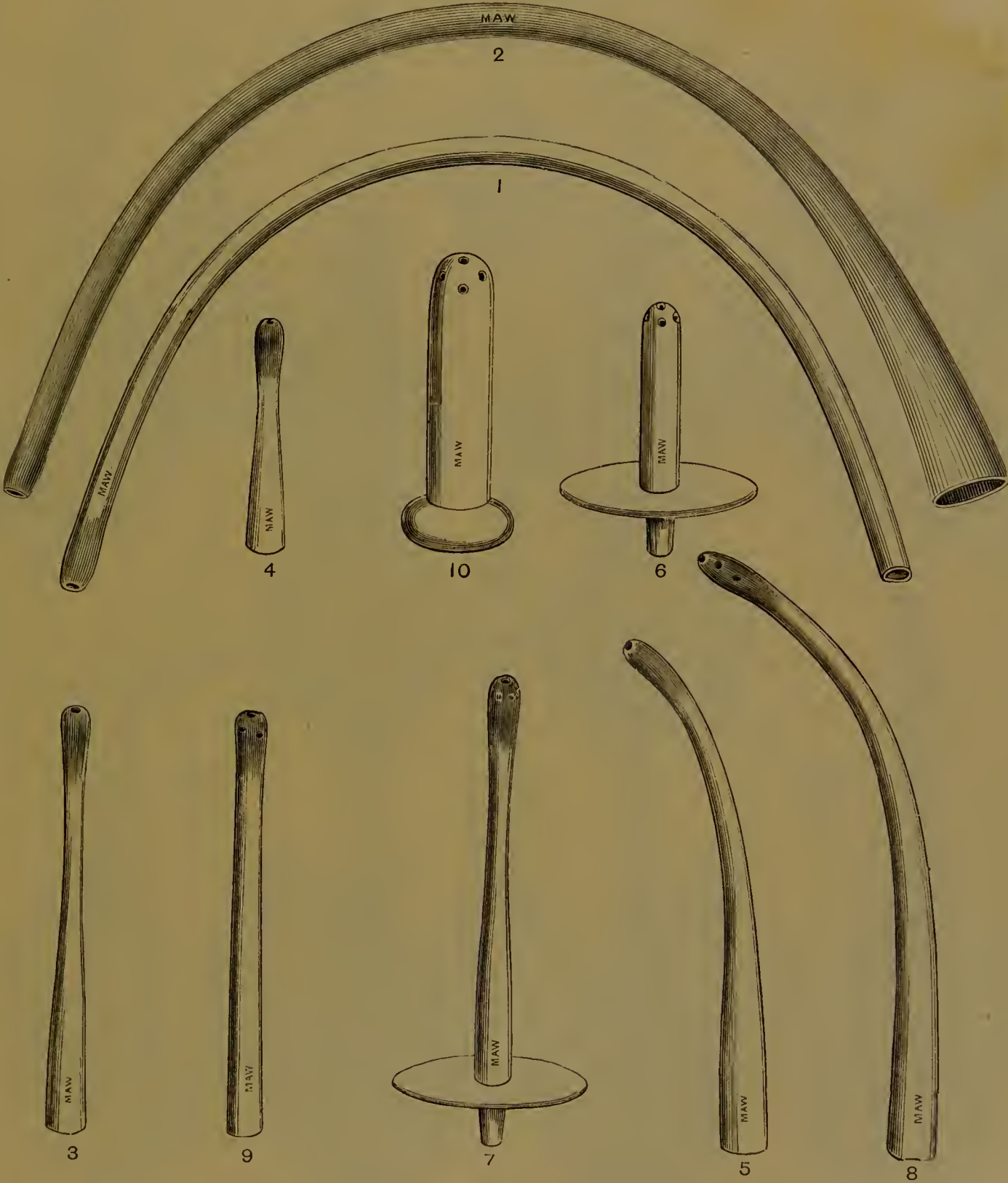


Fig. 1. RECTUM, O'BEIRN'S, ELASTIC.
Fig. 2. RECTUM, O'BEIRN'S, ELASTIC, } ADAPTABLE TO
Fig. 3. } ANY ENEMA
Fig. 4. RECTUM, ELASTIC, } APPARATUS.
Fig. 5. }
Fig. 6. VAGINA, BONE.
Fig. 7. VAGINA, ELASTIC, WITH BONE SHIELD.
Fig. 8. VAGINA, ELASTIC, ADAPTABLE TO ANY
ENEMA APPARATUS.
Fig. 9. VAGINA, ELASTIC.
Fig. 10. VAGINA, PORCELAIN.

INJECTION SYRINGES.



Fig. 1. RECTUM, REVERSIBLE TUBE.
 Fig. 2. RECTUM, BONE TUBE.
 Fig. 3. RECTUM, ELASTIC TUBE.
 Fig. 4. RECTUM, STOP-COCK AND BONE TUBE.

Fig. 5. VAGINA, BONE TUBE.
 Fig. 6. VAGINA, ELASTIC TUBE.
 Fig. 7. VAGINA, CURVED TUBE. BIRD'S.
 Fig. 8. VAGINA, CURVED METAL TUBE, CLARKE'S.

INJECTION SYRINGES (*Continued*).

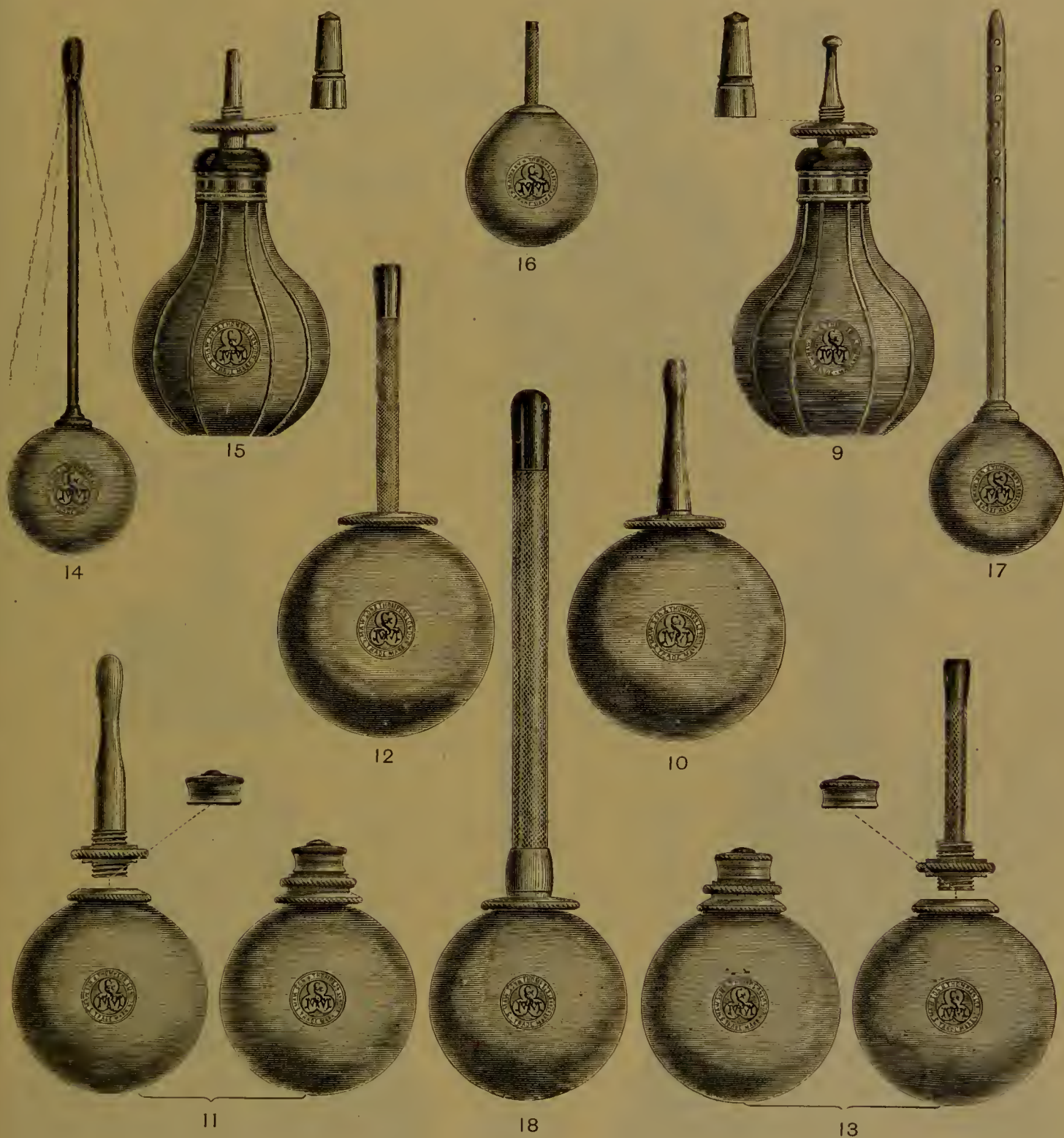


Fig. 9. EAR.

Fig. 10. RECTUM, FOR CHILDREN, BONE TUBE.

Fig. 11. RECTUM, FOR CHILDREN, BONE TUBE, REVERSIBLE.

Fig. 12. RECTUM, FOR CHILDREN, ELASTIC TUBE.

Fig. 13. RECTUM, FOR CHILDREN, ELASTIC TUBE, REVERSIBLE.

Fig. 14. URETHRA, REVERSED CURRENT.

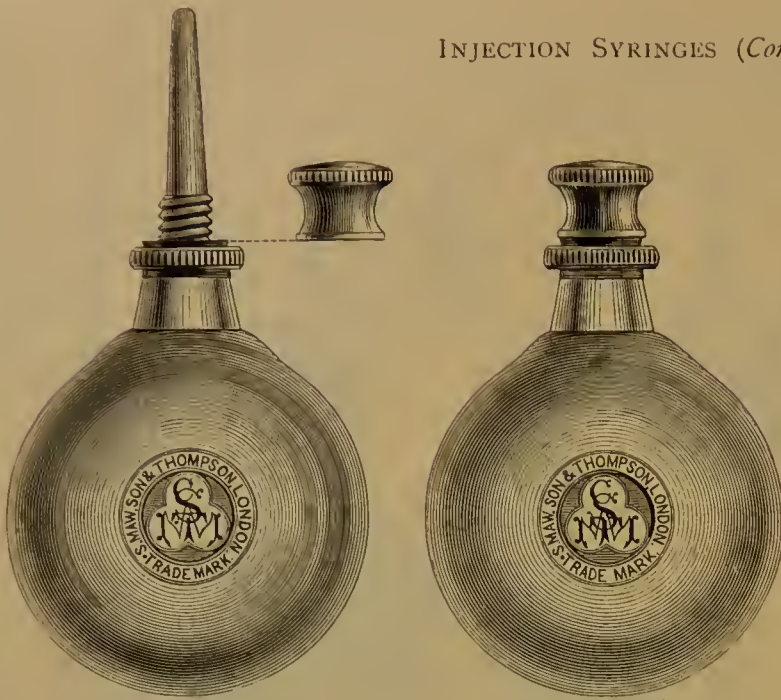
Fig. 15. URETHRA, BONE TUBE.

Fig. 16. URETHRA, ELASTIC TUBE.

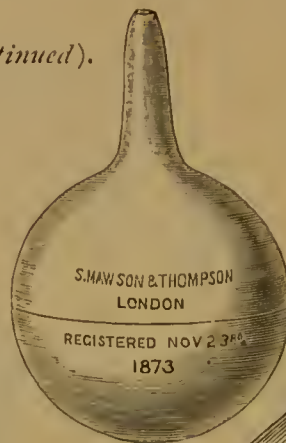
Fig. 17. URETHRA, ELASTIC TUBE (6 in.).

Fig. 18. VAGINA, ELASTIC TUBE.

INJECTION SYRINGES (Continued).



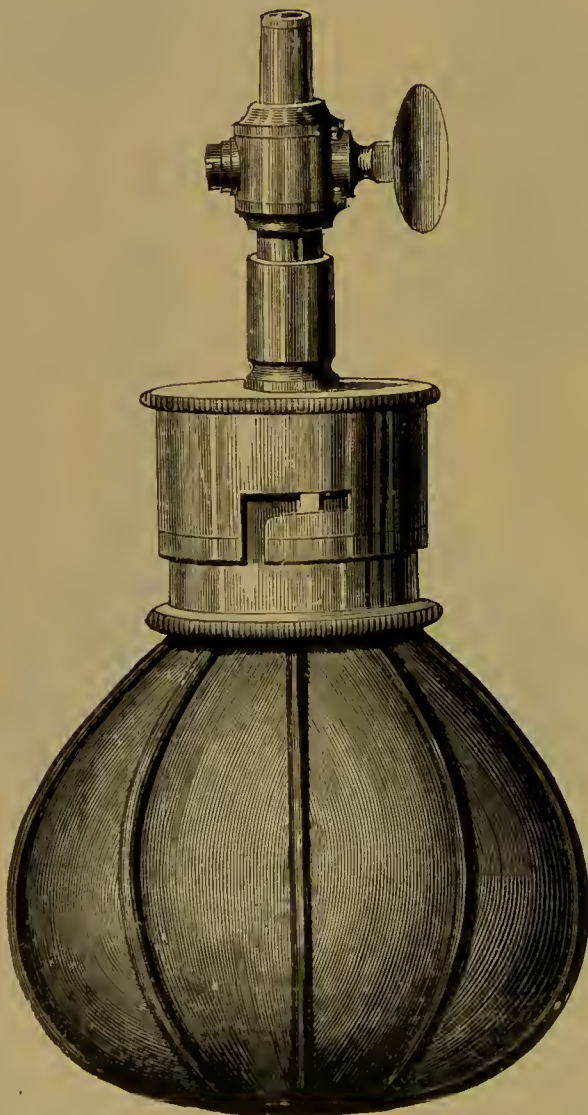
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Fig. 19. RECTUM, GOWLLAND'S.

Fig. 20. RECTUM, WITH STOP-COCK, GOWLLAND'S.

Fig. 21. RECTUM, MAW'S REGISTERED.

Fig. 22. URETHRA, MAW'S REGISTERED.

Fig. 23. URETHRA, MAW'S IMPROVED, REVERSIBLE TUBE.

PEWTER SYRINGES.

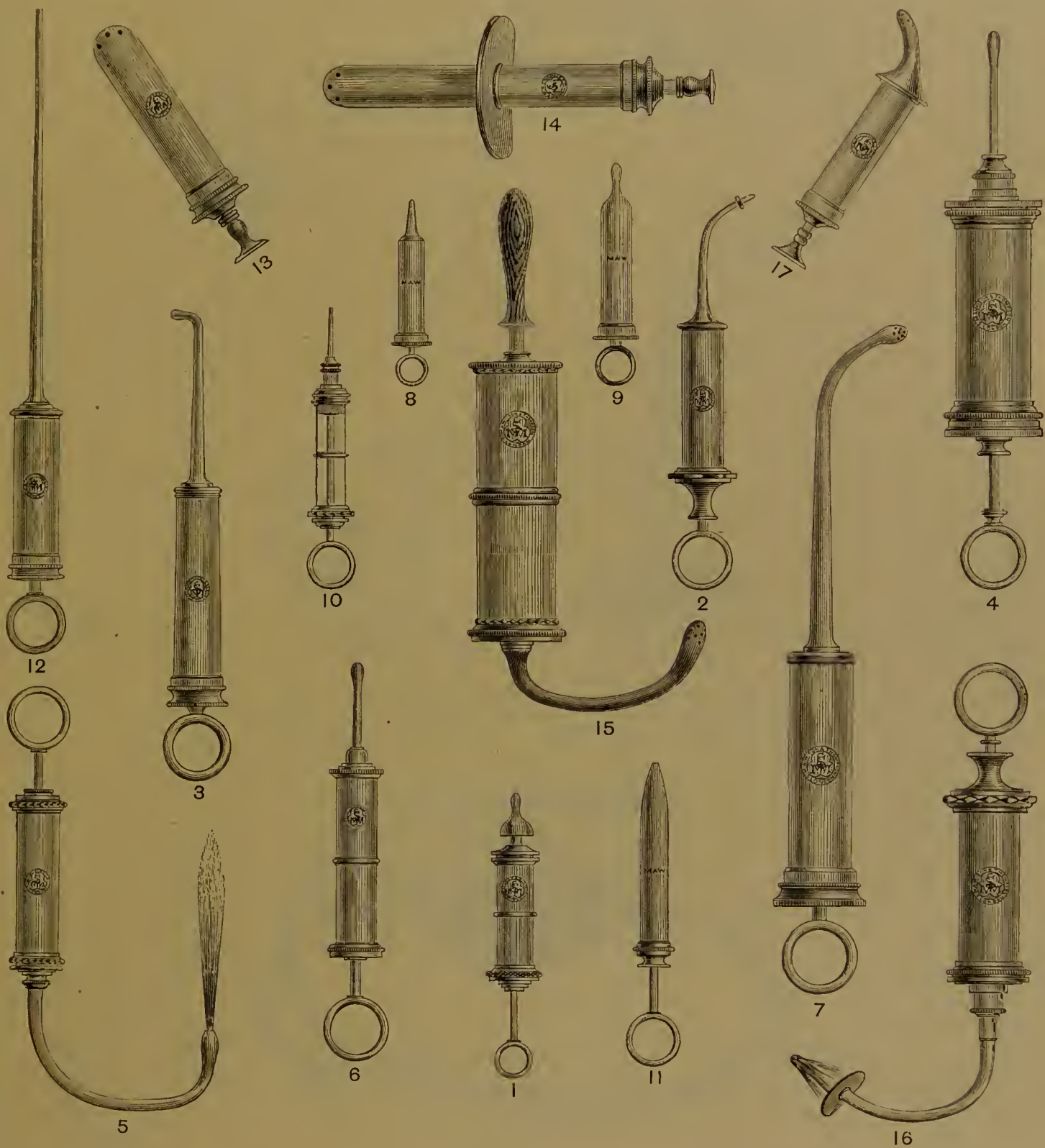


Fig. 1. EAR.	Fig. 7. THROAT.	Fig. 13. VAGINA.
Fig. 2. EAR, FOR SELF USE.	Fig. 8. } URETHRA, MALE.	Fig. 14. VAGINA, WITH SHIELD.
Fig. 3. NASAL CATARRH.	Fig. 9. }	Fig. 15. VAGINA, CLARKE'S.
Fig. 4. RECTUM, FOR HOSPITALS AND EMIGRANT SHIPS.	Fig. 10. URETHRA, MALE, GLASS BARREL.	Fig. 16. VAGINA, MAW'S IMPROVED, REVERSED CURRENT.
Fig. 5. RECTUM, FOR SELF USE.	Fig. 11. URETHRA, CONICAL.	Fig. 17. VAGINA, HAMILTON'S.
Fig. 6. SINUS.	Fig. 12. UTERUS.	

STOMACH PUMPS AND TUBES.



Fig. 1. MAW'S FLUTE KEY.
 Fig. 2. MAW'S PORTABLE.
 Fig. 3. MAW'S SYPHON.

Fig. 4. TUBE, ELASTIC-GUM, } ADAPTABLE TO
 Fig. 5. TUBE, SOFT-RUBBER, } ANY SYRINGE.

SECTION XV.



APPARATUS FOR GALVANIC AND ELECTRO-
MAGNETIC OPERATIONS.

CONTENTS OF SECTION XV.

CAUTERY BATTERY, WITH RHEOPHORES.

CONSTANT CURRENT BATTERIES :—

BUNSEN'S.

GAIFFE'S.

LECLANCHÉ'S.

SMEE'S.

SPAMER'S.

CONSTANT AND INDUCED CURRENT BATTERIES :—

BUNSEN'S.

BUNSEN'S, MAW'S IMPROVED.

LECLANCHÉ'S, MAW'S IMPROVED.

INDUCED CURRENT BATTERIES :—

GAIFFE'S.

GRENET'S.

SPAMER'S.

MAGNETO-ELECTRIC MACHINES :—

CIRCULAR MAGNET.

DOUBLE MAGNET.

SINGLE MAGNET.

NEEDLES FOR ELECTROLYSIS.

RHEOPHORES WITH CARBON

HEADS, THE SET FITTING ONE

HANDLE.

RHEOPHORES FOR—

APPLICATION UNDER A
LOOSE DRESS.

BLADDER.

EAR.

EYE.

FOOT.

RECTUM.

SCIATICA.

SPINE.

TEETH.

THROAT.

UTERUS.

VAGINA.

GALVANIC BATTERIES.



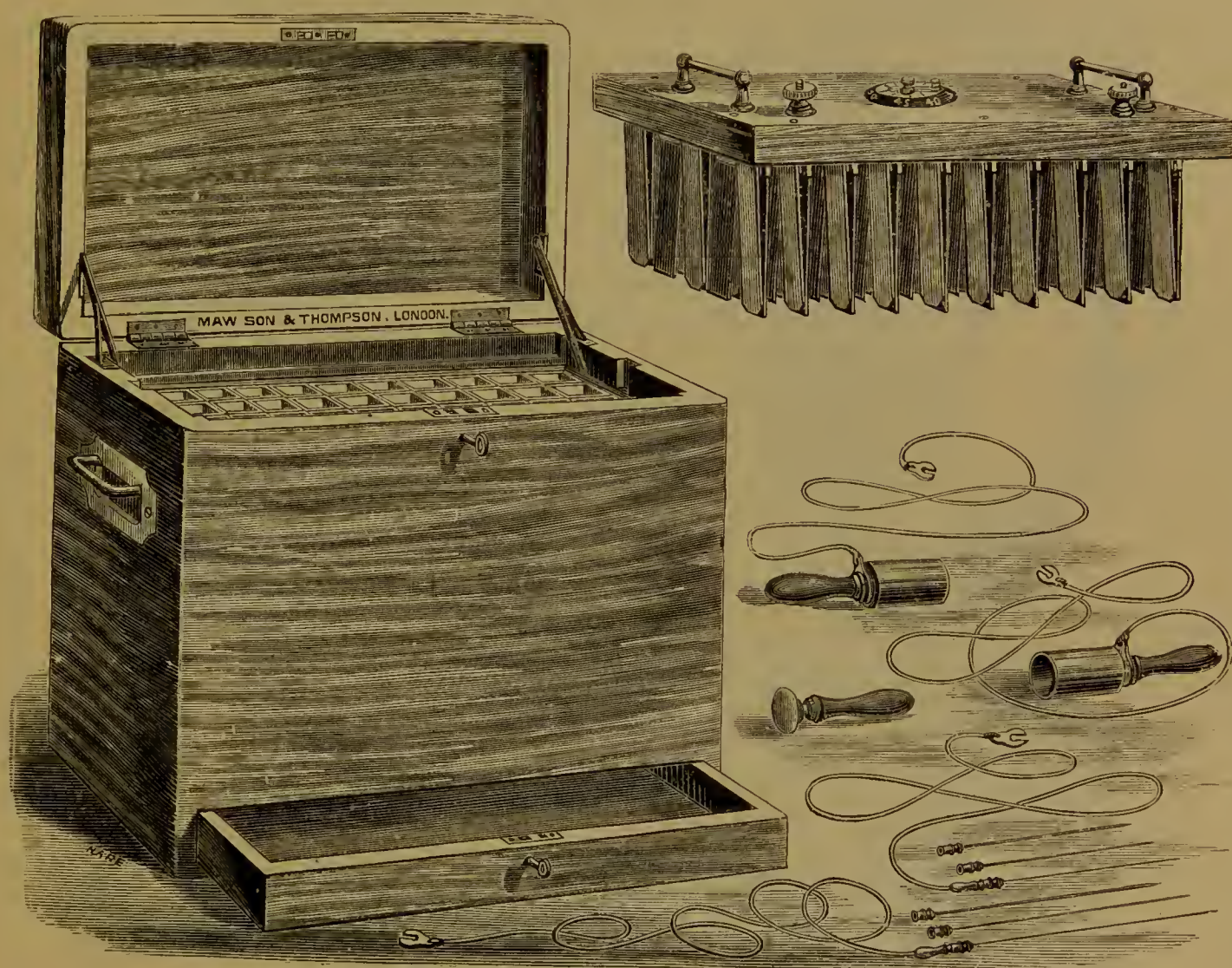
Fig. 1. CONSTANT AND INDUCED CURRENT, MAW'S IMPROVED, 32 CELLS, LECLANCHÉ'S, WITH COMPLETE SET OF RHEOPHORES.

GALVANIC BATTERIES (*Continued*).

2

Fig. 2. CONSTANT CURRENT, 50 CELLS, SMEE'S.

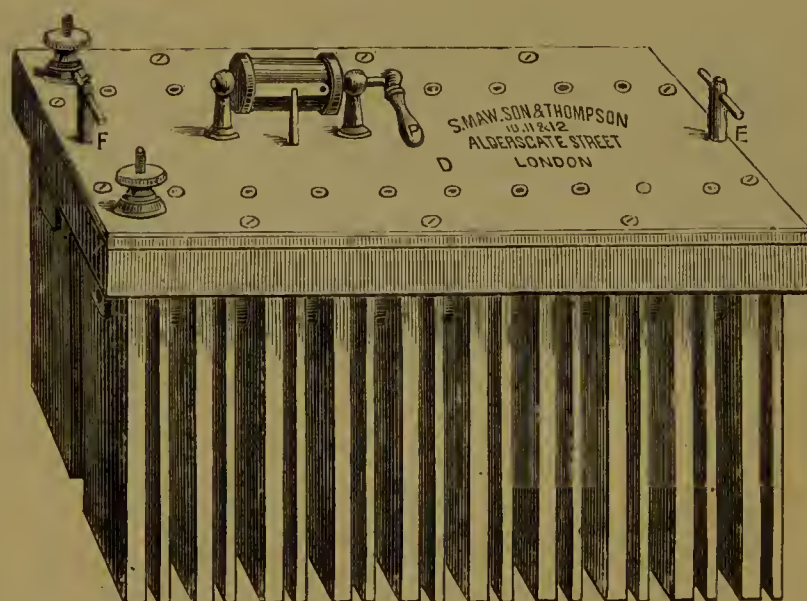
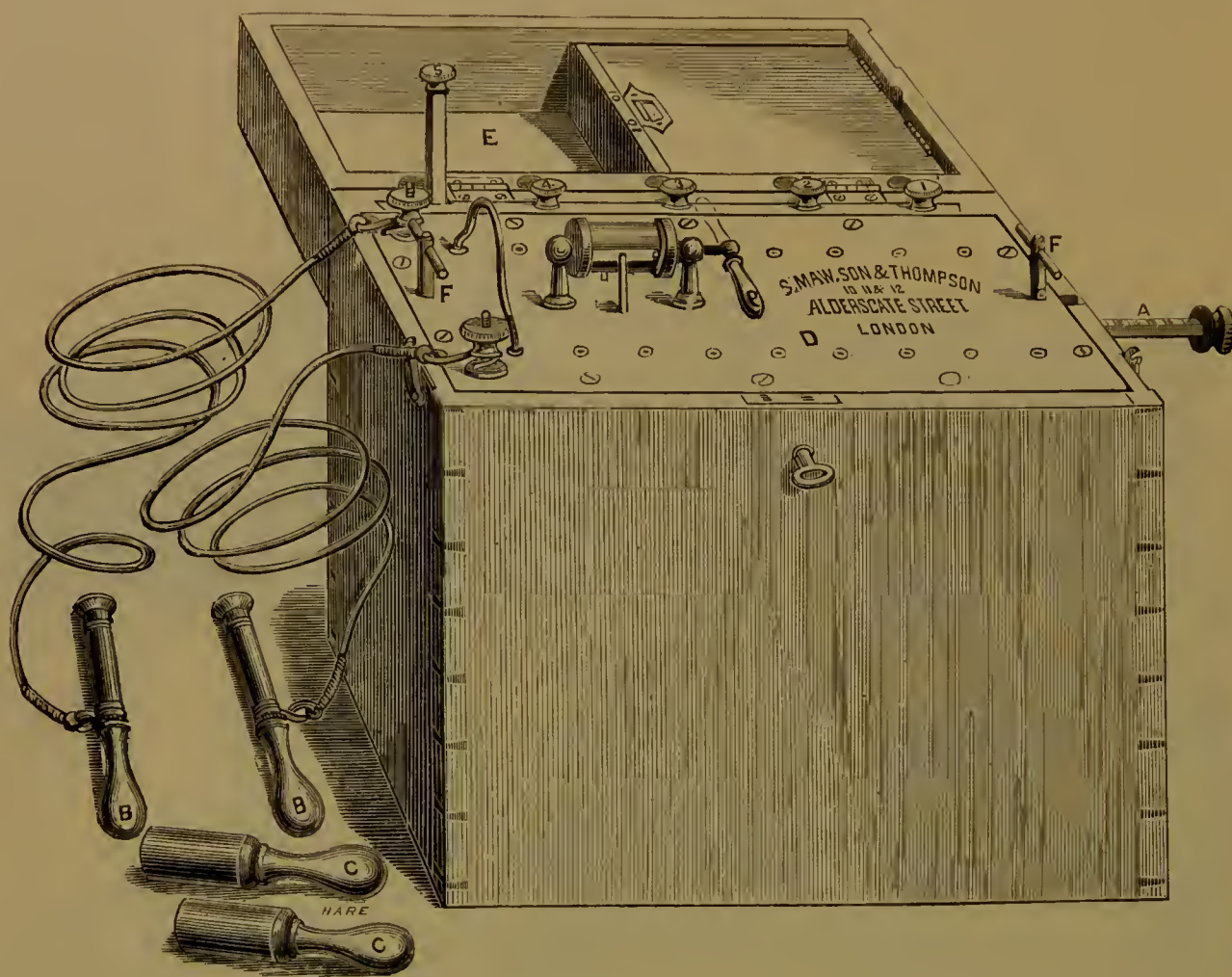
GALVANIC BATTERIES (*Continued*).



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Fig. 3. CONSTANT CURRENT, 50 CELLS, SMEE'S.

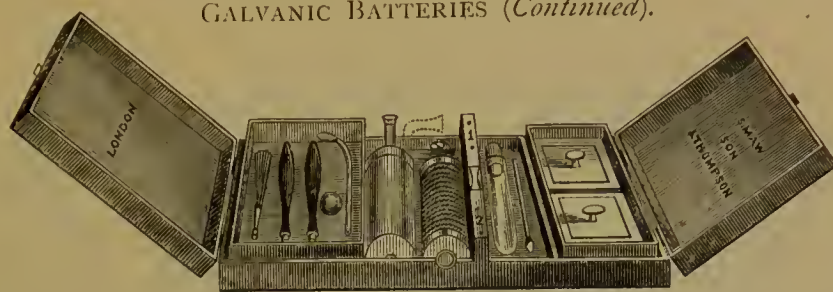
GALVANIC BATTERIES (Continued).



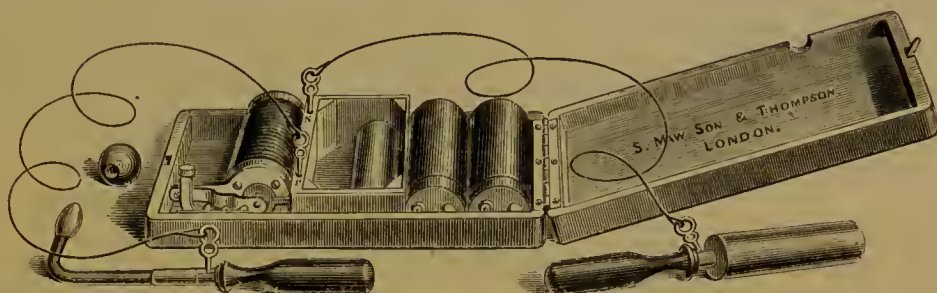
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Fig. 4. CONSTANT CURRENT, 20 CELLS, BUNSEN'S.

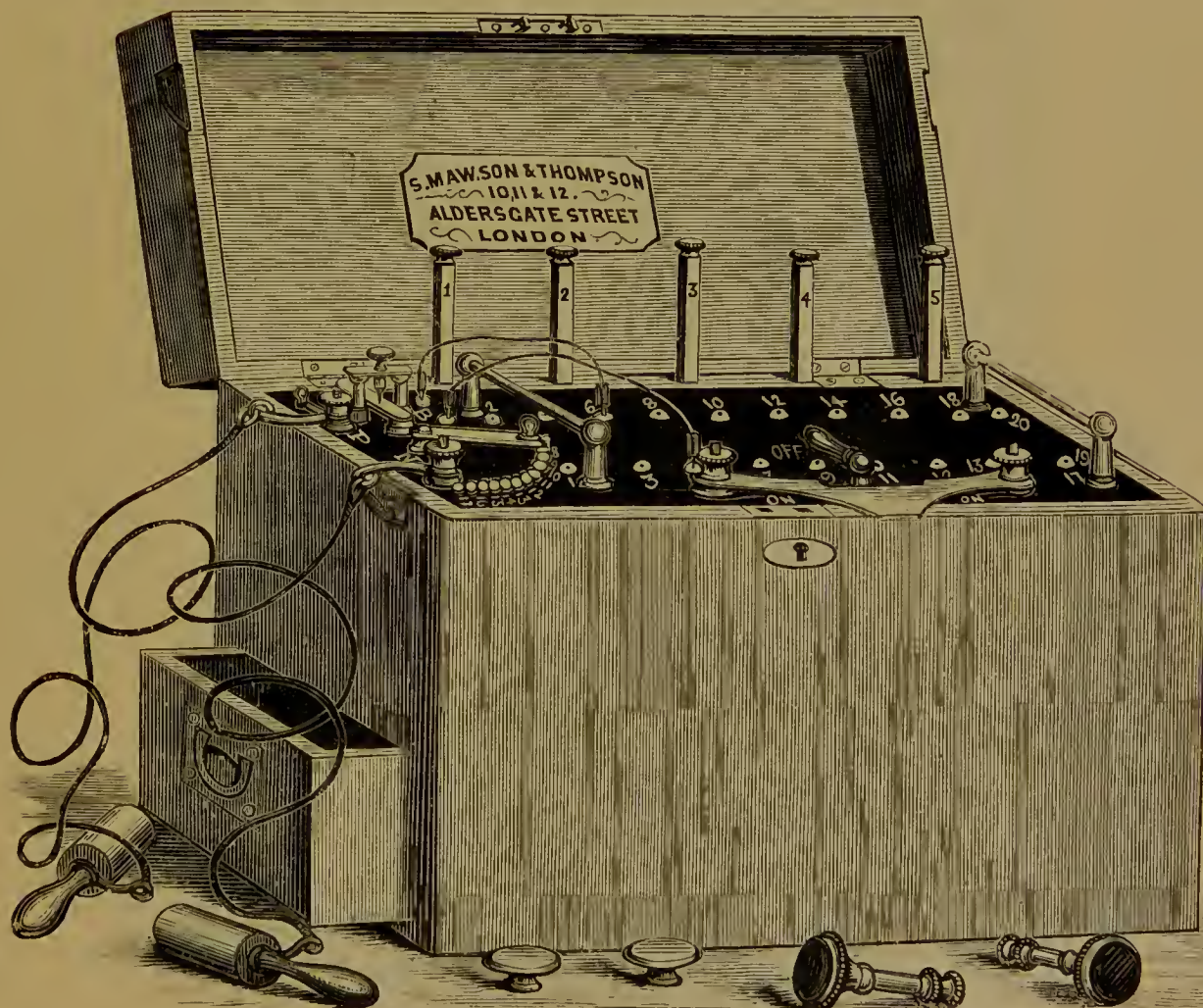
GALVANIC BATTERIES (Continued).



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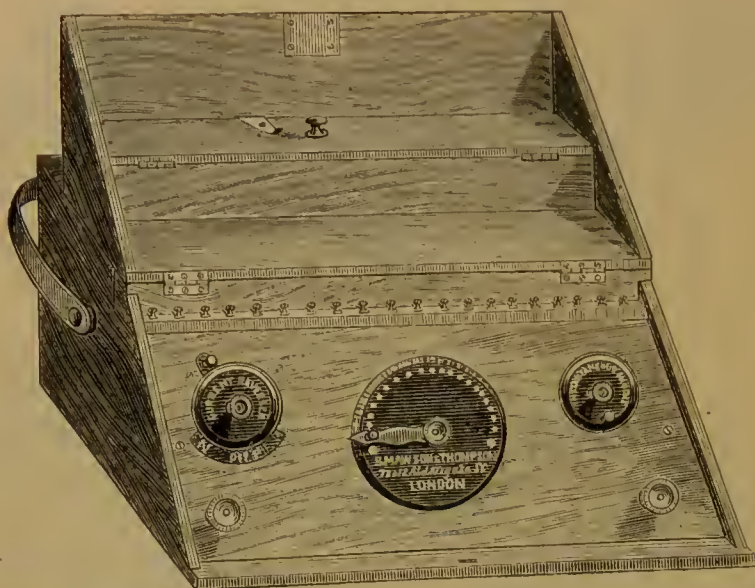


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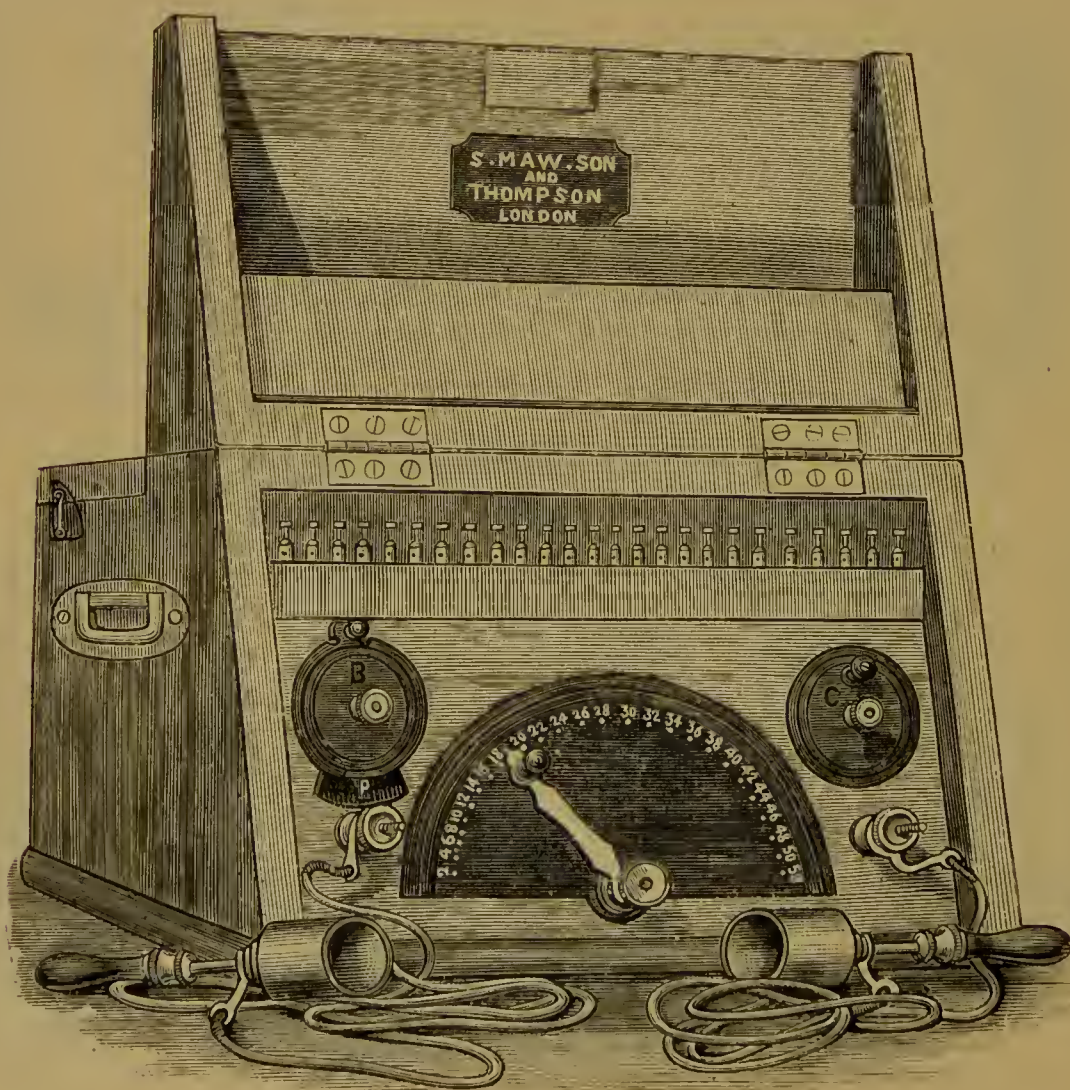


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- Fig. 5. CONSTANT AND INDUCED CURRENT, 20 CELLS, BUNSEN'S.
 Fig. 6. INDUCED CURRENT, BI-SULPHATE OF MERCURY, GAIFFE'S.
 Fig. 7. INDUCED CURRENT, CHLORIDE OF SILVER, GAIFFE'S.

GALVANIC BATTERIES (*Continued*).

8

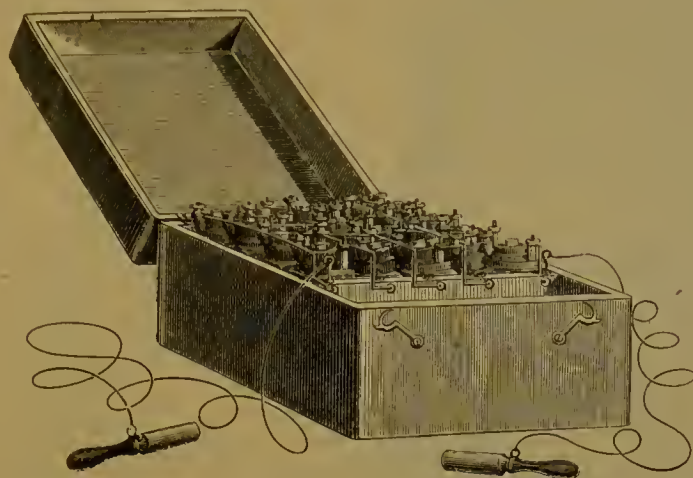


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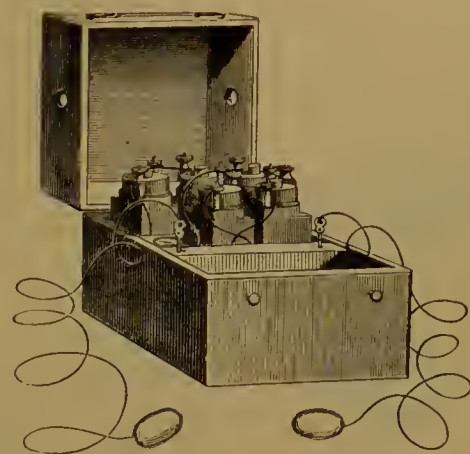
Fig. 8. CONSTANT CURRENT, 32 CELLS, LECLANCHÉ'S.

Fig. 9. CONSTANT CURRENT, 52 CELLS, LECLANCHÉ'S.

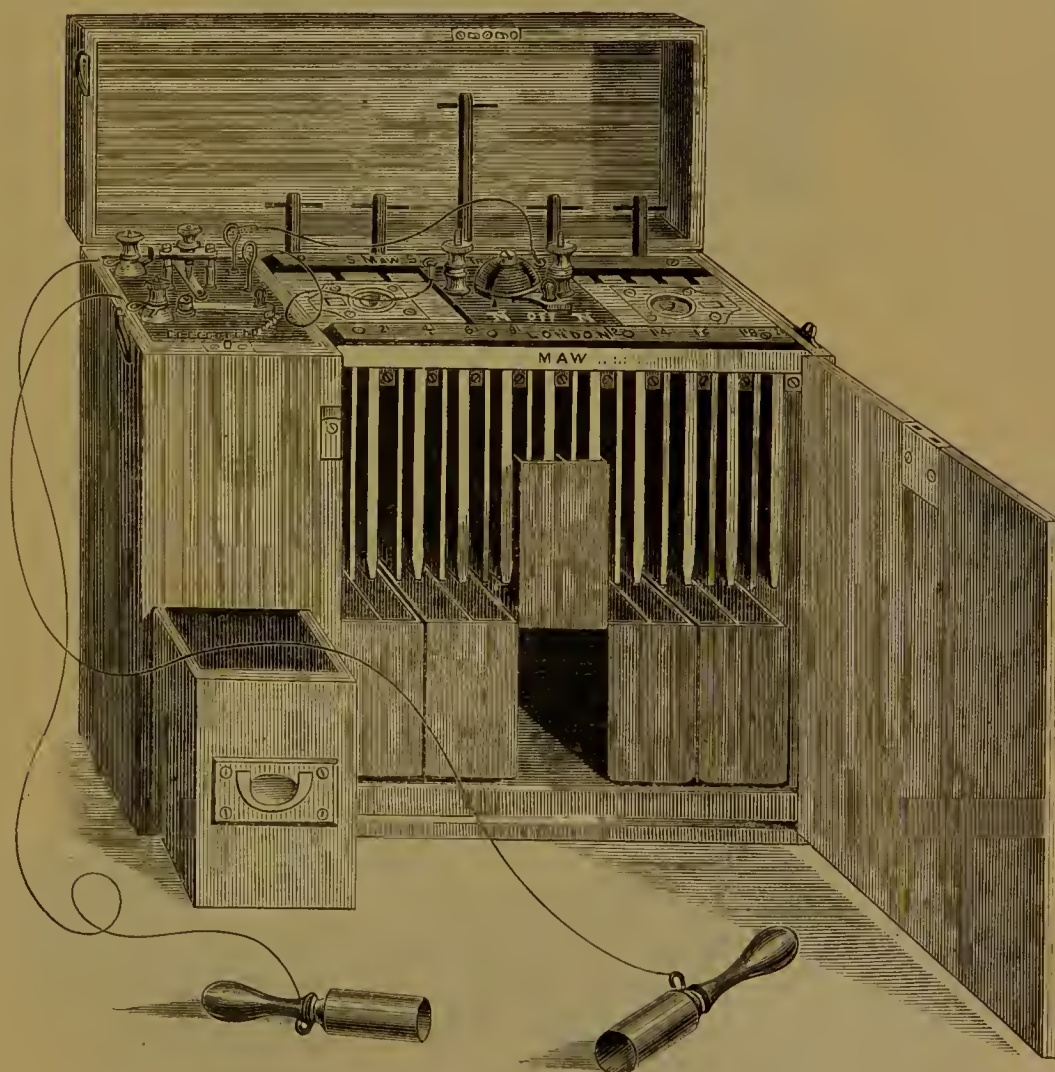
GALVANIC BATTERIES (*Continued*).



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Fig. 10. CONSTANT CURRENT, 20 CELLS, GAIFFE'S.

Fig. 11. CONSTANT CURRENT, 5 CELLS, GAIFFE'S.

Fig. 12. CONSTANT AND INDUCED CURRENT, 20 CELLS, BUNSEN'S (MAW'S IMPROVED).

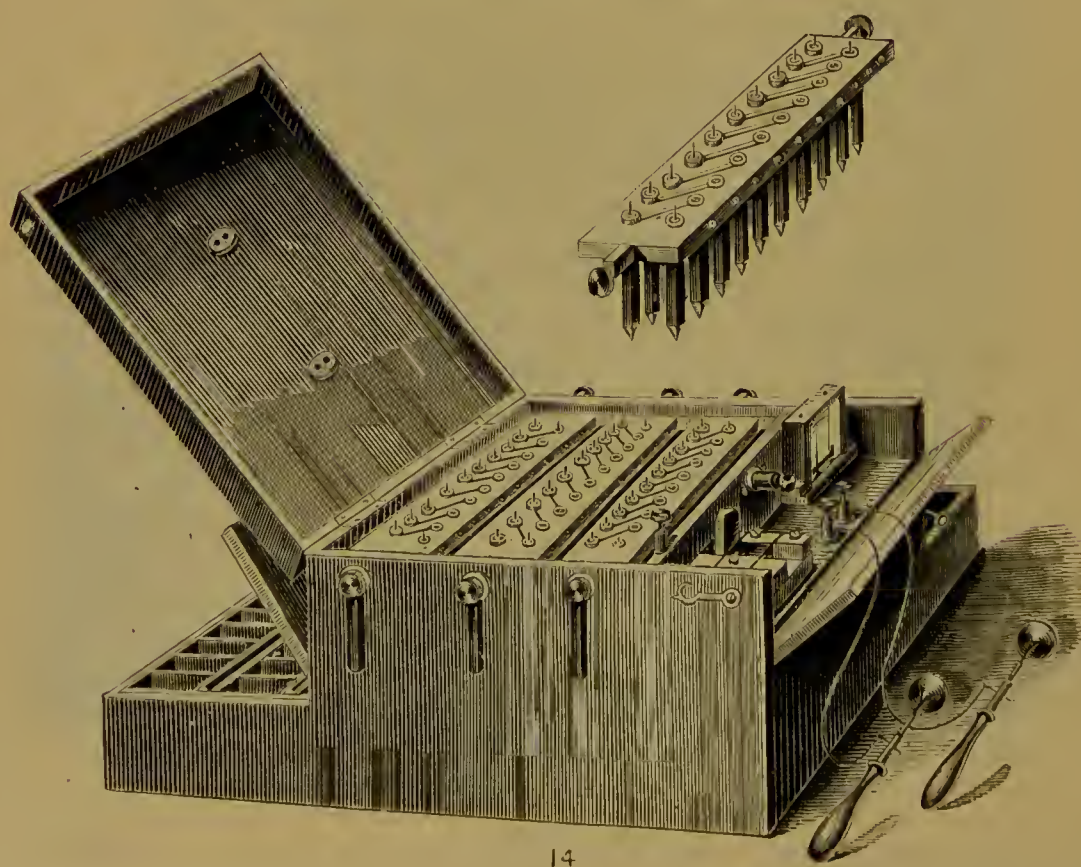
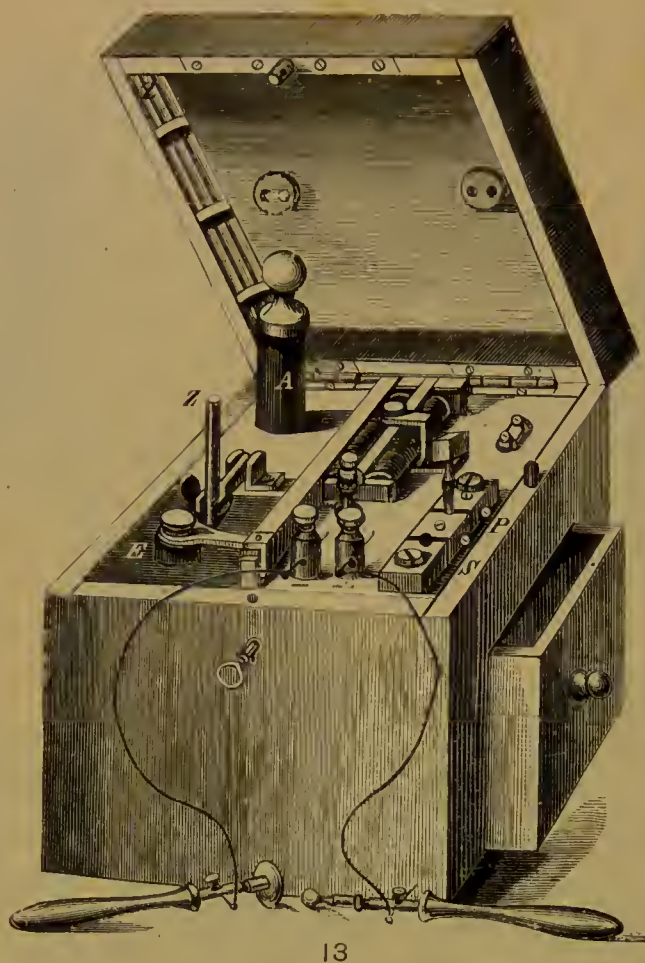
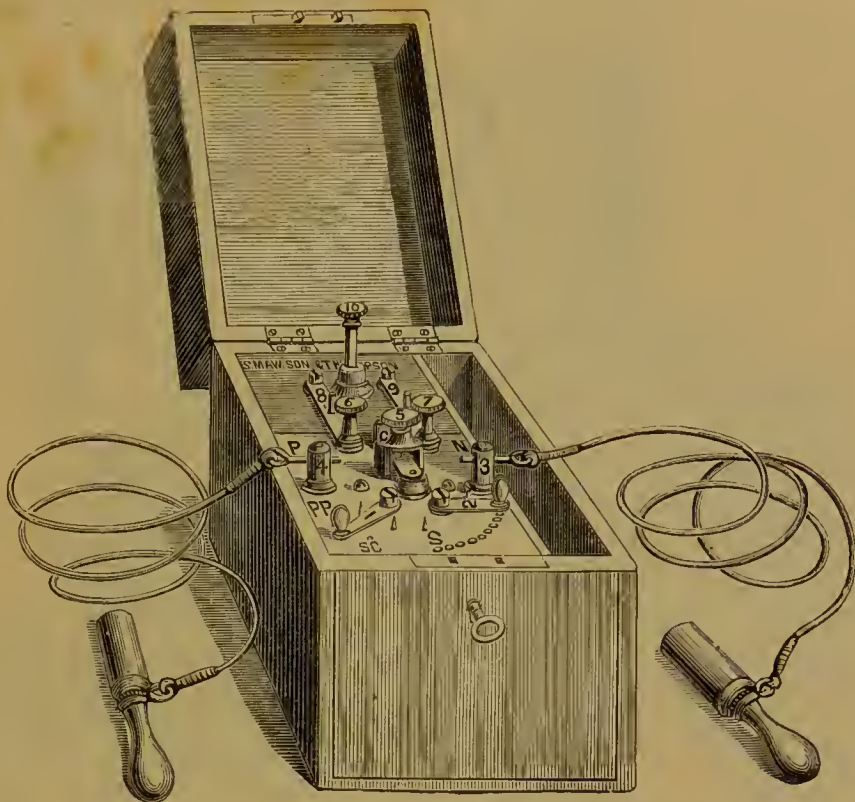
GALVANIC BATTERIES (*Continued*).

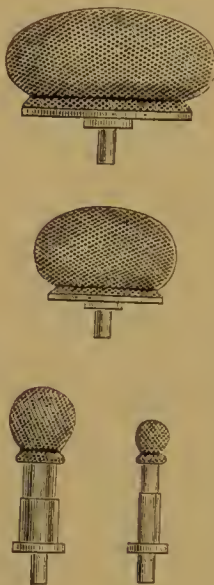
Fig. 13. INDUCED CURRENT, SINGLE CELL,
SPAMER'S.

Fig. 14. CONSTANT CURRENT, 32 CELLS,
SPAMER'S.

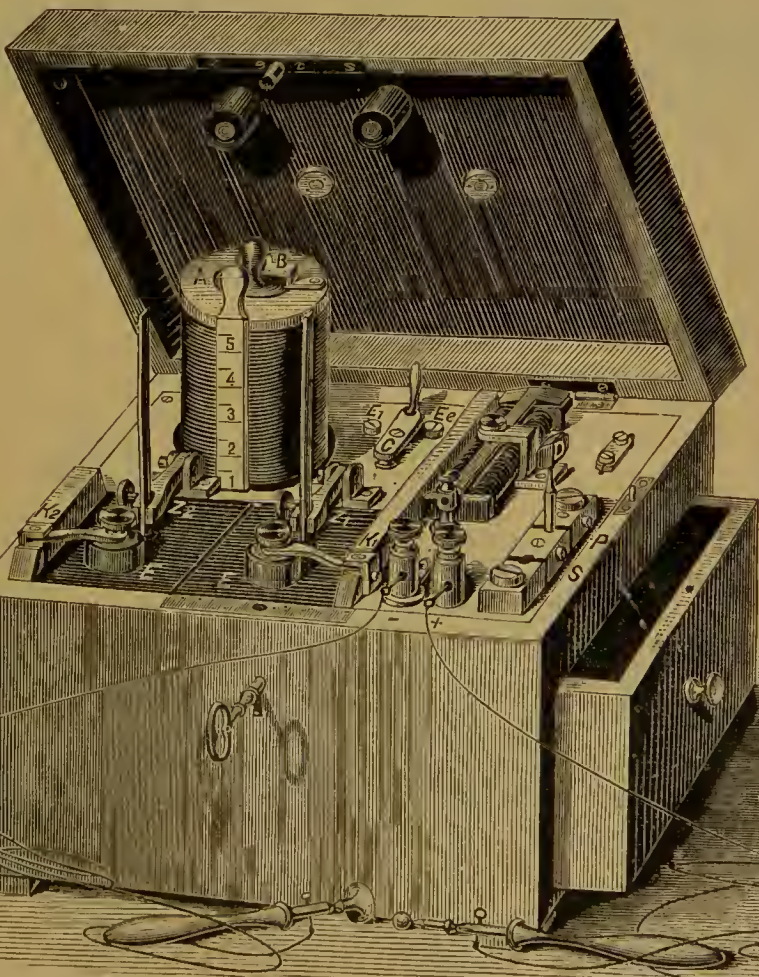
GALVANIC BATTERIES, ETC. (Continued).



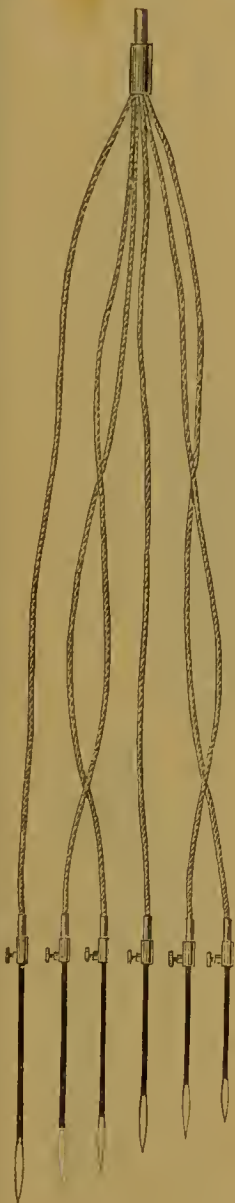
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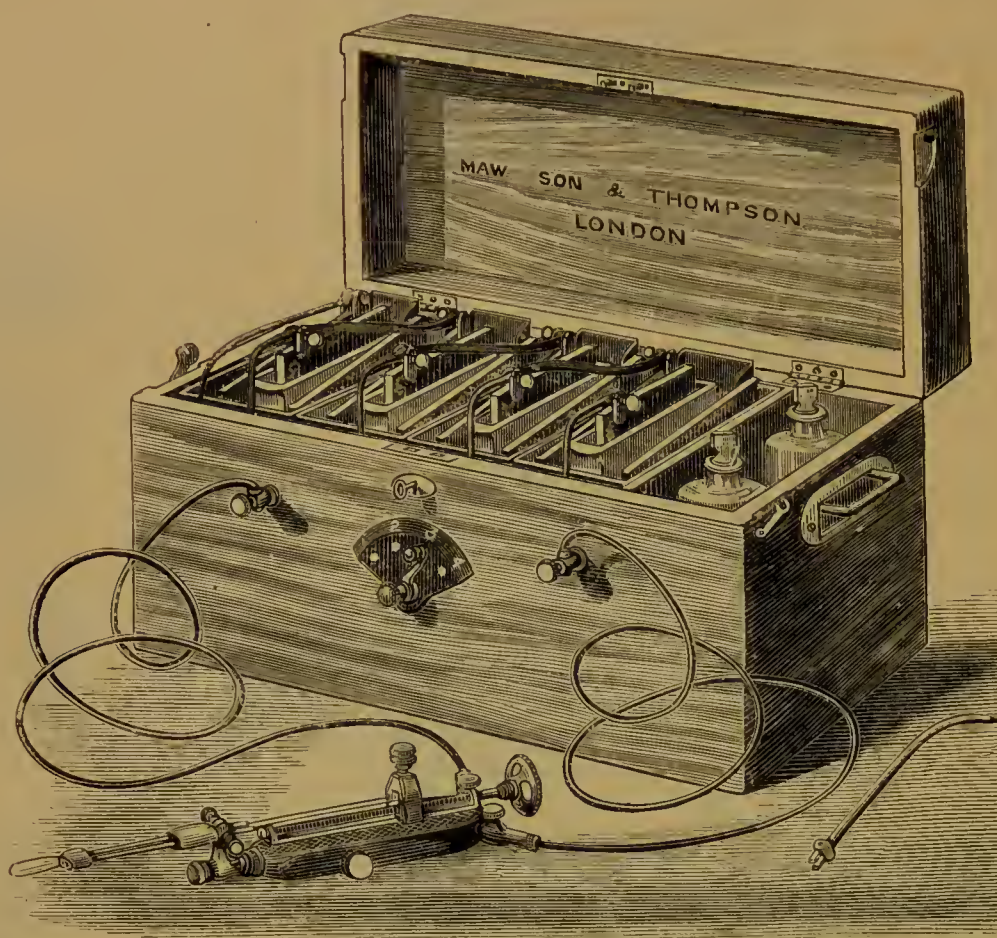
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Fig. 15. INDUCED CURRENT, GRENET'S.
Fig. 16. INDUCED CURRENT, TWO CELLS, SPAMER'S.

Fig. 17. NEEDLES FOR ELECTROLYSIS.
Fig. 18. RHEOPHORES WITH CARBON HEADS, THE SET FITTING ONE HANDLE.

GALVANIC BATTERIES, ETC. (*Continued*).

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Figs. 19 to 27. CAUTERY, WITH RHEOPHORES.

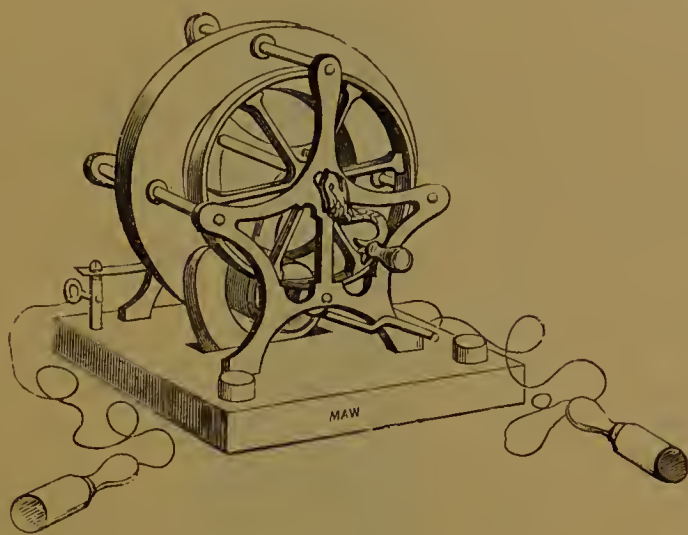
MAGNETO-ELECTRIC MACHINES AND RHEOPHORES.



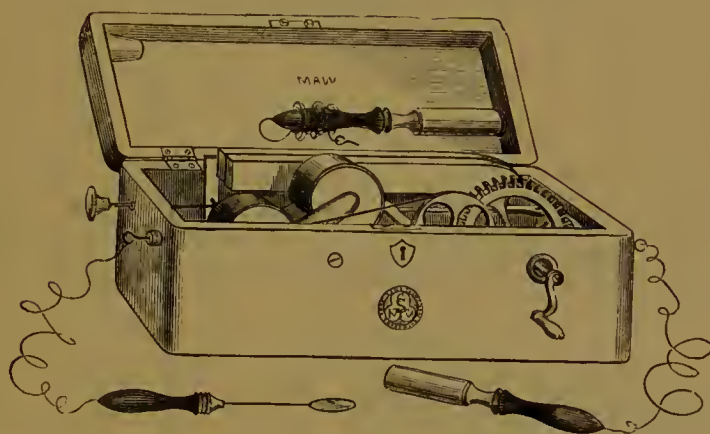
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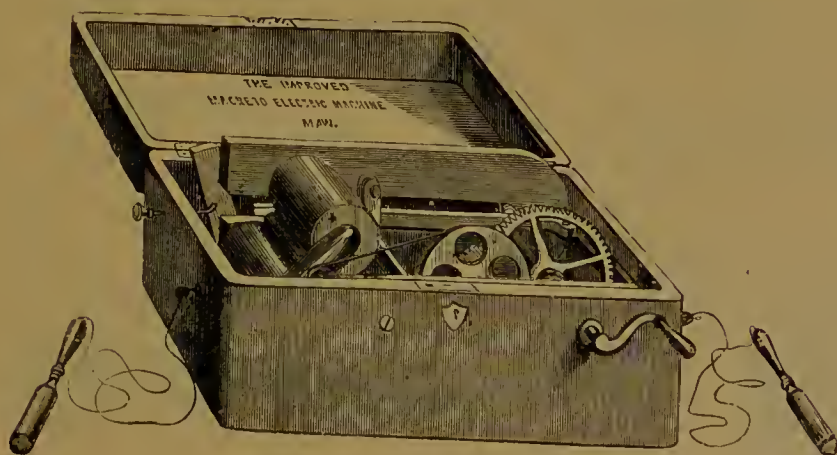
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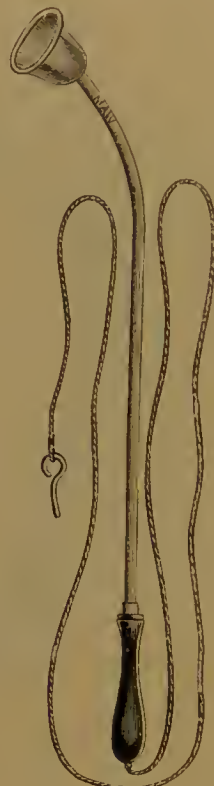
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Fig. 28. CIRCULAR MAGNET.

Fig. 29. DOUBLE MAGNET.

Fig. 30. SINGLE MAGNET.

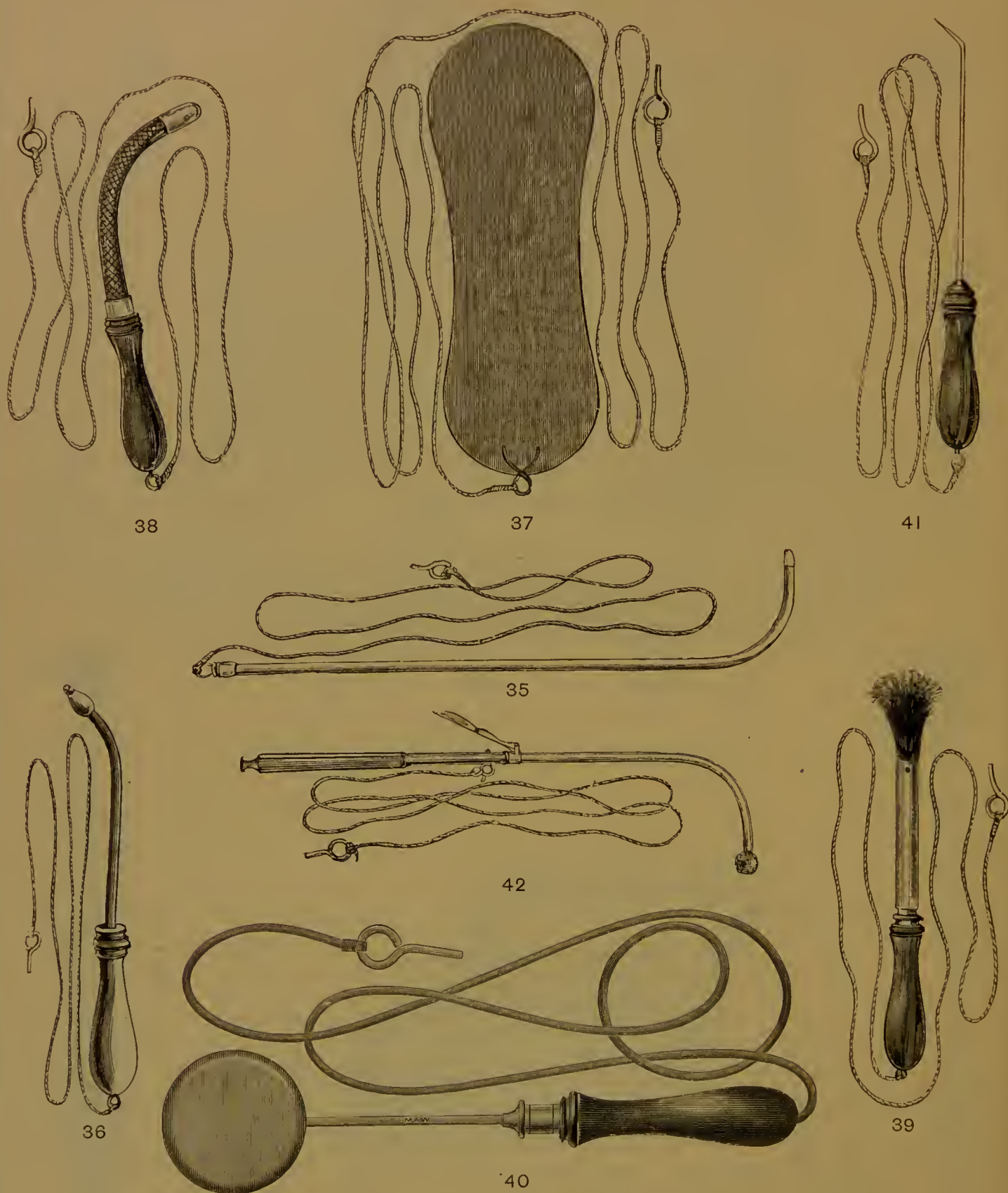
Fig. 31. RHEOPHORE, FOR APPLICATION UNDER A LOOSE DRESS.

Fig. 32. RHEOPHORE, FOR APPLICATION UNDER A LOOSE DRESS.

Fig. 33. RHEOPHORE, FOR THE EYE, WITH CUP TO HOLD WATER.

Fig. 34. RHEOPHORE, BELL-SHAPE, FOR THE UTERUS.

RHEOPHORES.



FOR THE APPLICATION OF THE GALVANIC OR MAGNETO-ELECTRIC CURRENT.

Fig. 35. BLADDER.

Fig. 36. EAR.

Fig. 37. FOOT.

Fig. 38. RECTUM AND VAGINA.

Fig. 39. SPINE.

Fig. 40. SPINE AND SCIATICA.

Fig. 41. TEETH.

Fig. 42. THROAT.

SECTION XVI.



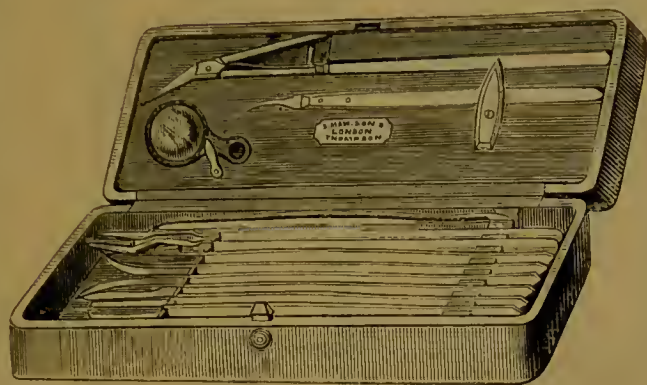
INSTRUMENTS FOR GENERAL DIAGNOSIS
AND RESEARCH.

CONTENTS OF SECTION XVI.

ACID BOTTLE AND CASE.
BOTANISTS' INSTRUMENTS.
CHEST MEASURE.
CLINICAL THERMOMETERS.
CONSULTING-ROOM LABORATORY.
ENTOMOLOGISTS' INSTRUMENTS.
MICROSCOPES.
MICROSCOPE ACCESSORIES.
PLESSERS.
PLEXIMETERS.

SEDIMENT COLLECTOR.
SPHYGMOGRAPHS.
SPIROMETER.
STETHOSCOPES.
THIMBLE.
URINE TEST CASES.
URINE TEST STANDS.
URINOMETERS, ETC.
WALDENBURG'S APPARATUS.

BOTANISTS' AND ENTOMOLOGISTS' INSTRUMENTS.



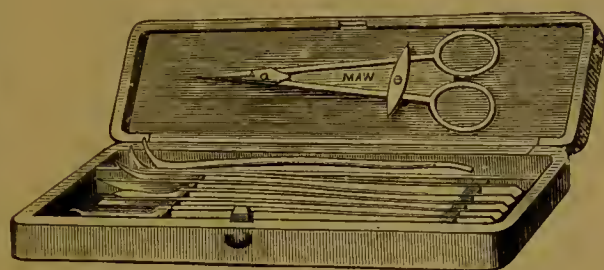
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Fig. 1. CONTAINS—FIVE KNIVES, TWO HOOKS, FINE NEEDLE, SPRING FORCEPS, FINE-POINTED FORCEPS, SELF-HOLDING FORCEPS, SPRING SCISSORS, AND MAGNIFYING LENS.

Fig. 2. CONTAINS—FIVE KNIVES, SPRING FORCEPS, AND FINE-POINTED SCISSORS.

Fig. 3. CONTAINS—FOUR KNIVES AND SPRING FORCEPS.

Fig. 4. FORCEPS, FINE POINTS.

Fig. 5. FORCEPS, FINE POINTS, IVORY HANDLE.

Fig. 6. FORCEPS, ROUND SERRATED POINTS.

Fig. 7. FORCEPS, SELF-HOLDING.

Fig. 8. HOOKS, IVORY HANDLE.

Figs. 9 } KNIVES FOR MINUTE DISSECTIONS.

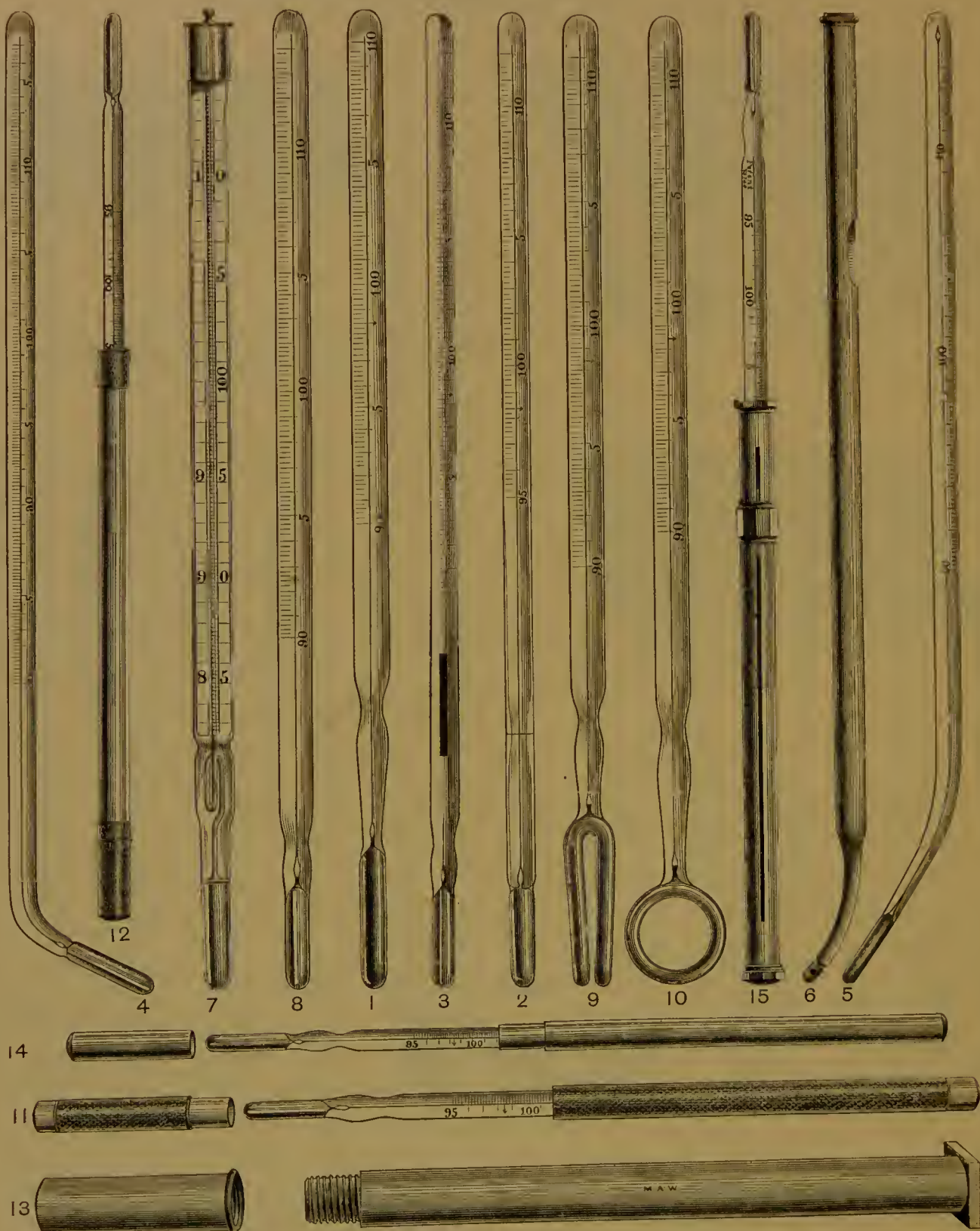
Fig. 14. KNIFE, VALANTIN'S, FOR SECTIONS.

Figs. 15 } NEEDLES.

Figs. 19 } SCALPELS, EBONY HANDLES.

Fig. 22. SPRING SCISSORS, IVORY HANDLE.

CLINICAL THERMOMETERS, ETC.



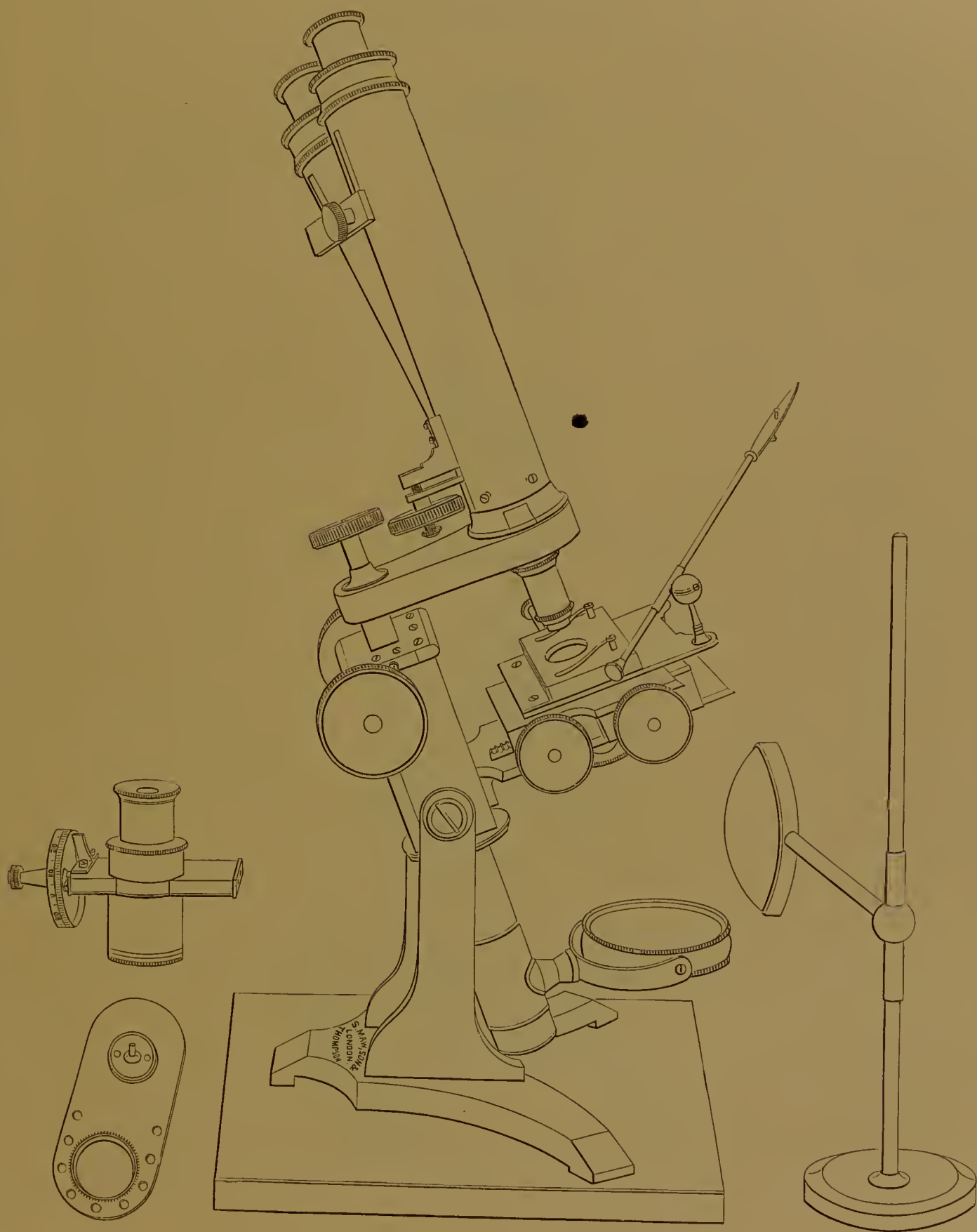
- Fig. 1. CONSTRICTED STEM.
 Fig. 2. CONSTRICTED STEM, WITH HERMETICALLY SEALED GLASS COVER.
 Fig. 3. CONSTRICTED STEM, "LENTICULAR," MAGNIFYING FRONT AND INDESTRUCTIBLE INDEX.
 Fig. 4. CURVED STEM, FOR THE AXILLA.
 Fig. 5. CURVED STEM, FOR UTERINE DIAGNOSIS.
 Fig. 6. CURVED STEM, FOR UTERINE DIAGNOSIS, IN METAL COVER.

- Fig. 7. PATENT STEM.
 Fig. 8. PLAIN HOSPITAL STEM.
 Fig. 9. } SURFACE, MAW'S IMPROVED.
 Fig. 10. }

Fitted in Cases, as follows:—

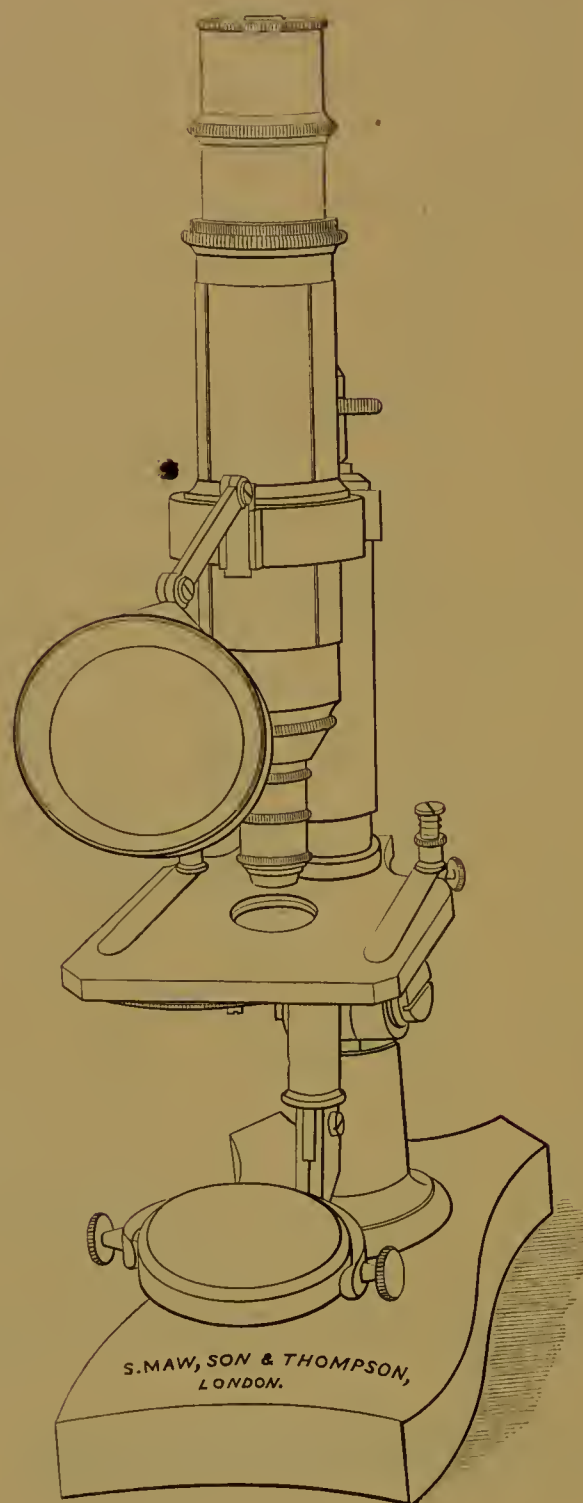
- Fig. 11. ALUMINIUM.
 Fig. 12. ALUMINIUM, PROPELLING.
 Fig. 13. BOXWOOD, EBONY, OR VULCANITE.
 Fig. 14. ELECTRO-PLATED, IVORY, OR SILVER.
 Fig. 15. HILLIARD'S.

MICROSCOPES.



1

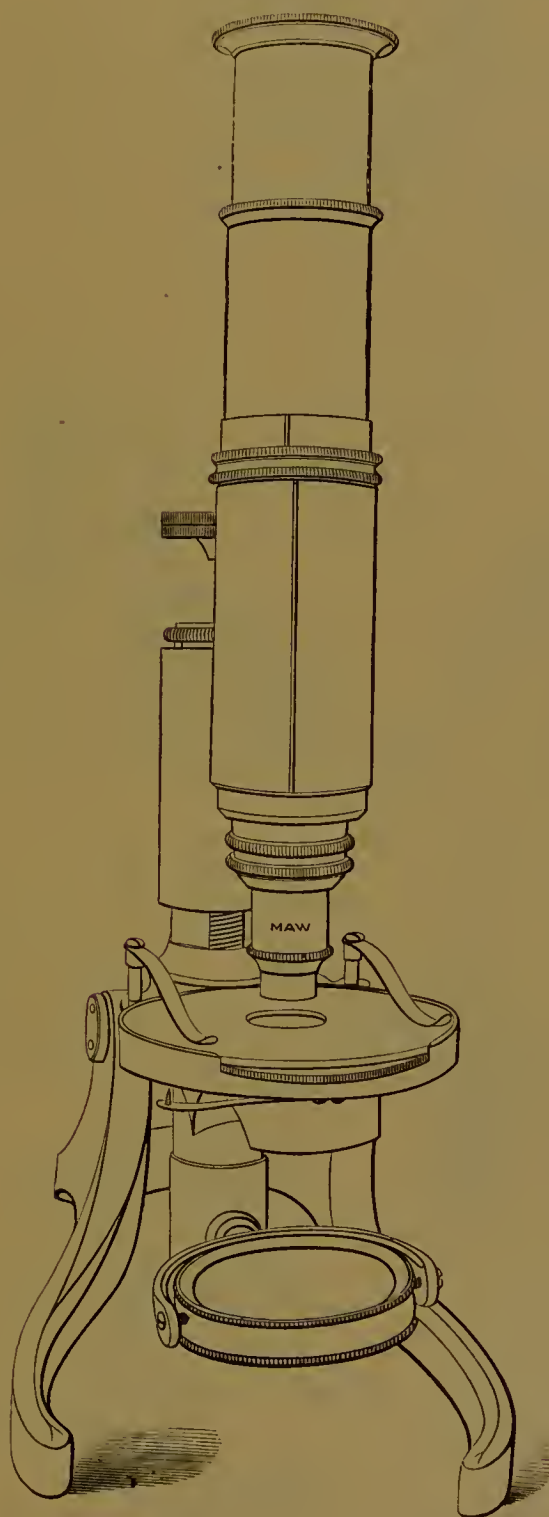
Fig. 1. BINOCULAR, WITH THREE OBJECT GLASSES, $\frac{1}{16}$ -IN., $\frac{1}{8}$ -IN., $\frac{1}{4}$ -IN., POLARISCOPE, ONE EACH NOS. 1 AND 2 EYE-PIECES, STAGE FORCEPS, STAGE CONDENSER, WATER TROUGH, SELENITE STAGE, MICROMETER, PARABOLIC REFLECTOR, ETC.

MICROSCOPES (*Continued*).

2

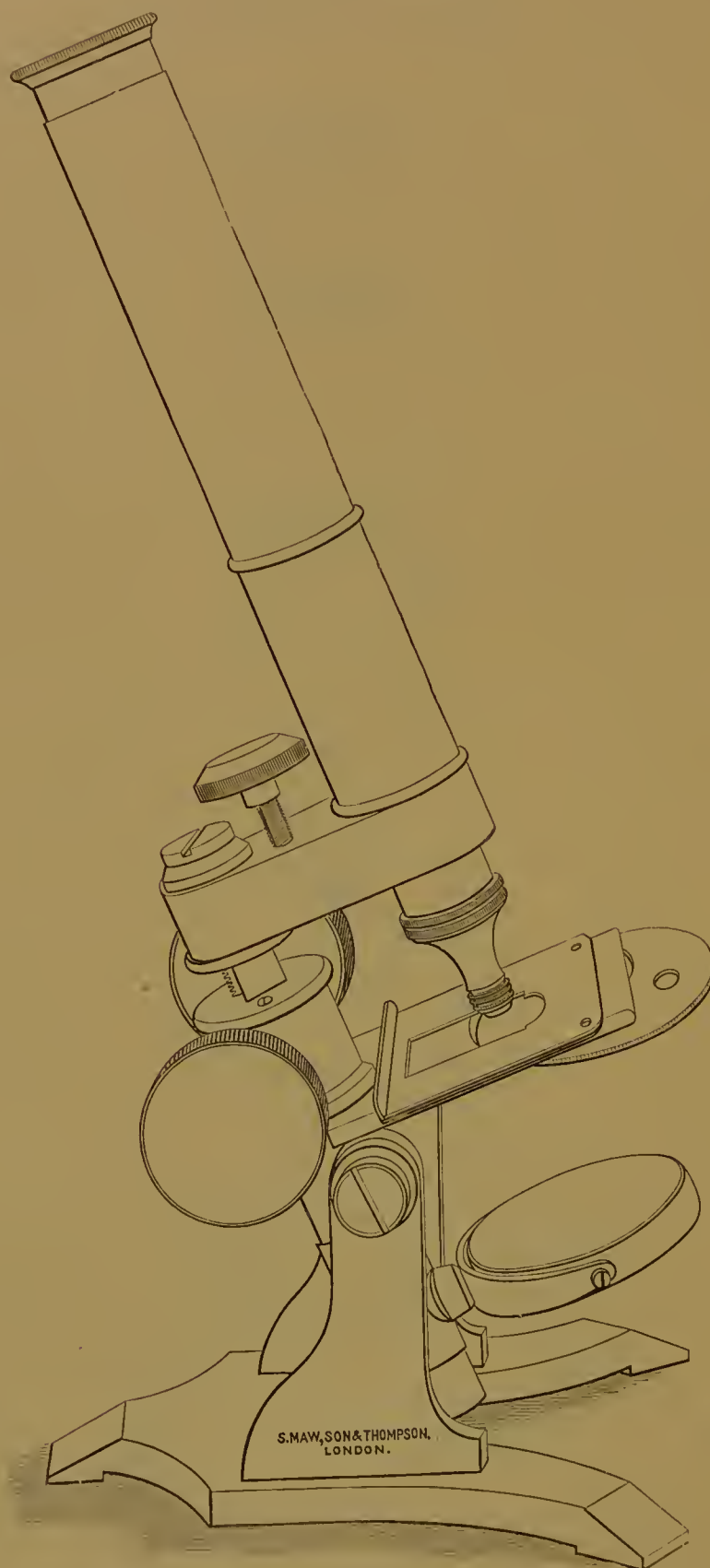
Fig. 2. MONOCULAR, COARSE AND FINE ADJUSTMENTS, TWO OBJECT GLASSES, 1-IN., $\frac{1}{4}$ -IN., DEEP EYE-PIECE, CONCAVE MIRROR, AND DIAPHRAGM.

MICROSCOPES (*Continued*).



3

Fig. 3. MONOCULAR, ONE $\frac{1}{4}$ -IN. OBJECT GLASS, DEEP EYE-PIECE, CONCAVE MIRROR, AND DIAPHRAGM.

MICROSCOPES (*Continued*).

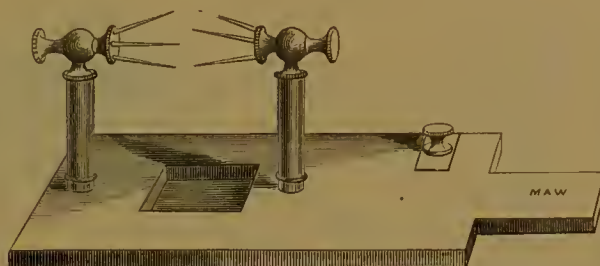
4

Fig. 4. MONOCULAR, PLAIN, FINE AND COARSE ADJUSTMENTS, OBJECT GLASS, $\frac{1}{4}$ -IN., STAGE CONDENSER, WATER TROUGH, REVOLVING DIAPHRAGM, CONCAVE MIRROR, AND FORCEPS.

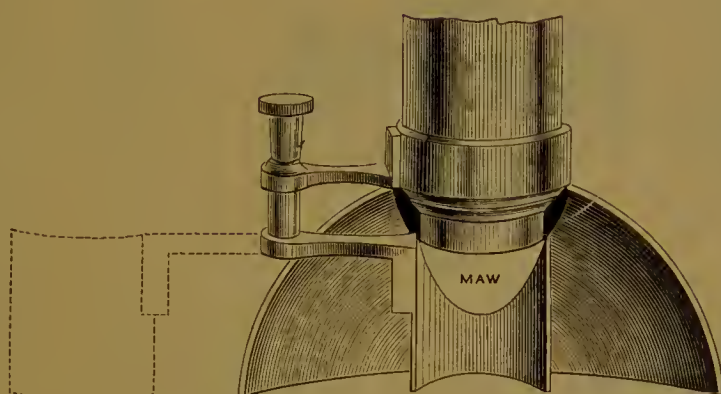
MICROSCOPE ACCESSORIES.



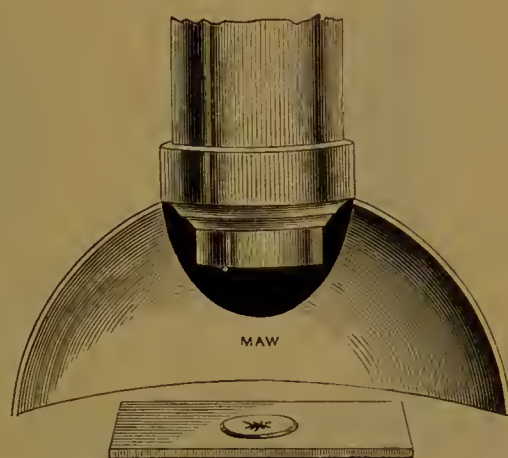
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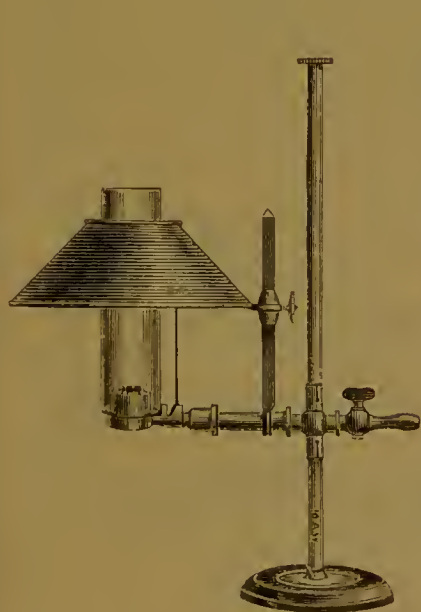
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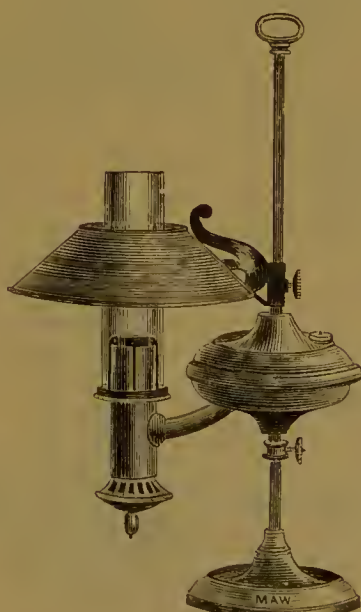
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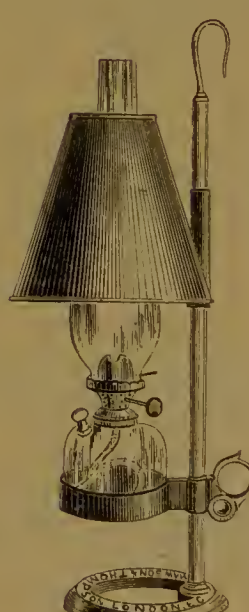
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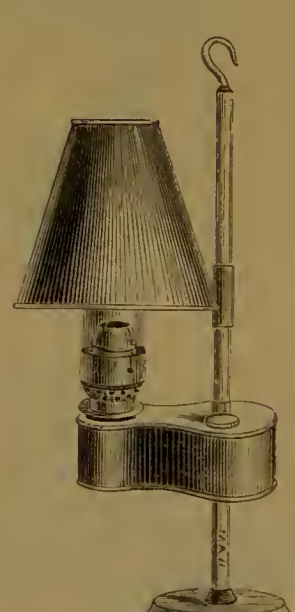
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Fig. 1. LAMP FOR GAS, WITH SLIDE ARM.
Figs. 2 } LAMPS FOR OIL, WITH SLIDE ARMS.
to 4. }

Fig. 5. MINERAL HOLDER.

Fig. 6. PARABOLIC REFLECTOR.
Fig. 7. PARABOLIC REFLECTOR, WITH SIDE SHUTTER.
Fig. 8. POLARISCOPE.

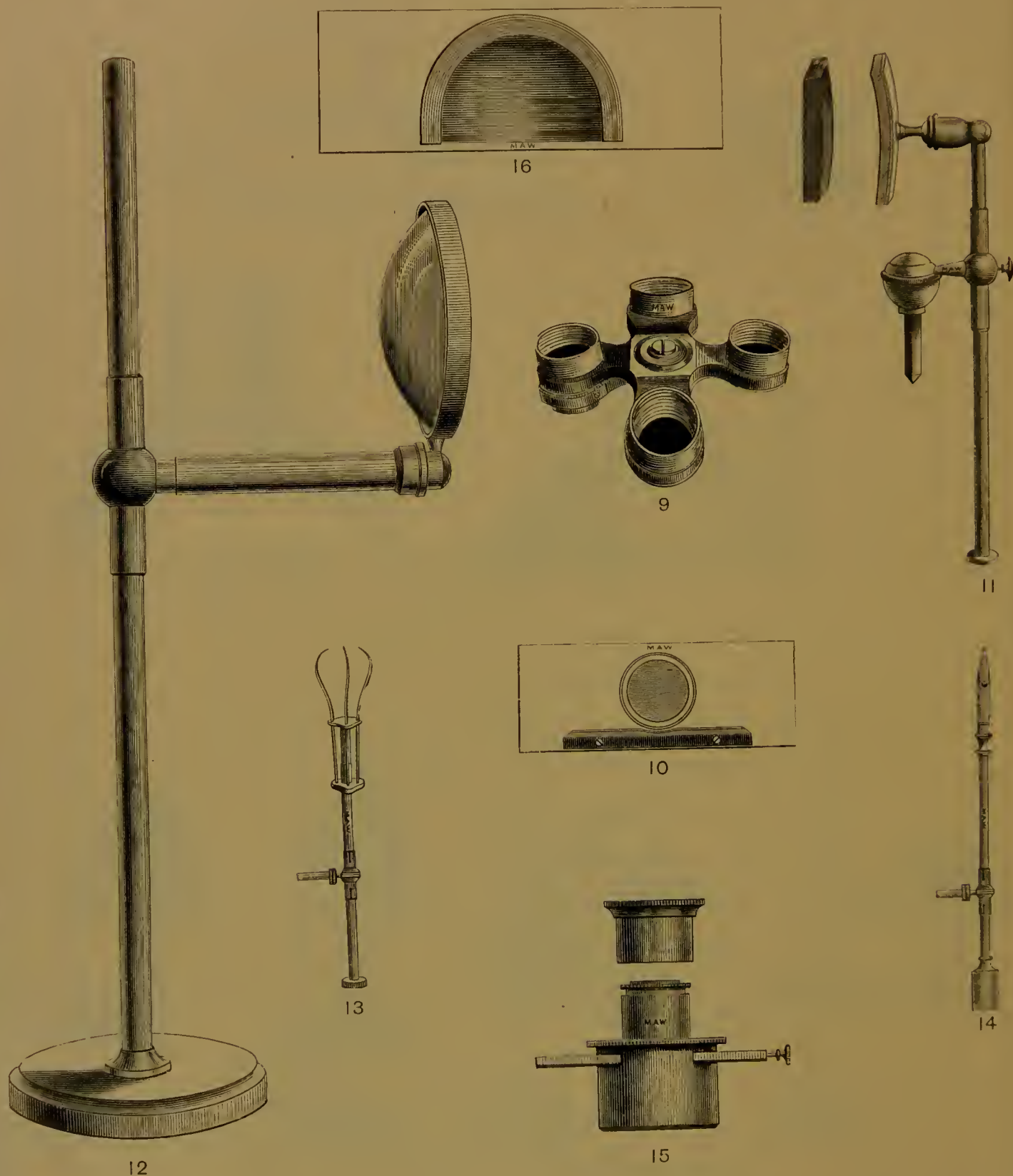
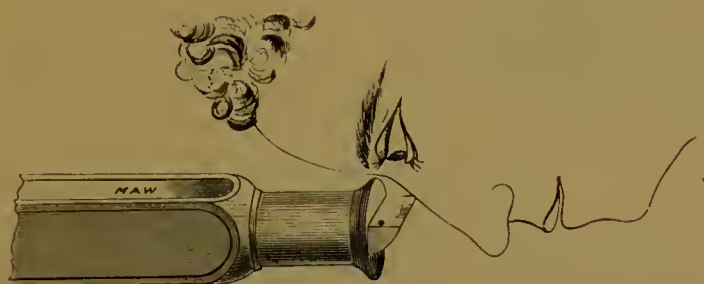
MICROSCOPE ACCESSORIES (*Continued*).

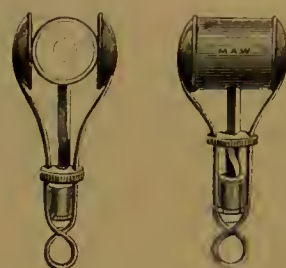
Fig. 9. QUADRUPE NOSE-PIECE.
 Fig. 10. SELENITE STAGE.
 Fig. 11. SILVER-PLATED REFLECTOR.
 Fig. 12. STAGE CONDENSER.

Fig. 13. STAGE FORCEPS, WITH CLAWS.
 Fig. 14. STAGE FORCEPS, PLAIN.
 Fig. 15. STAGE MICROMETER.
 Fig. 16. ZOOPHITE TROUGH.

MICROSCOPE ACCESSORIES (Continued).



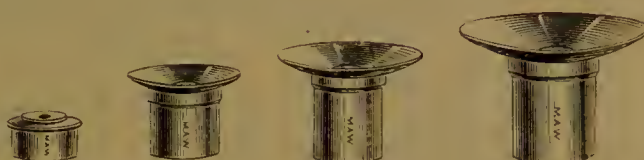
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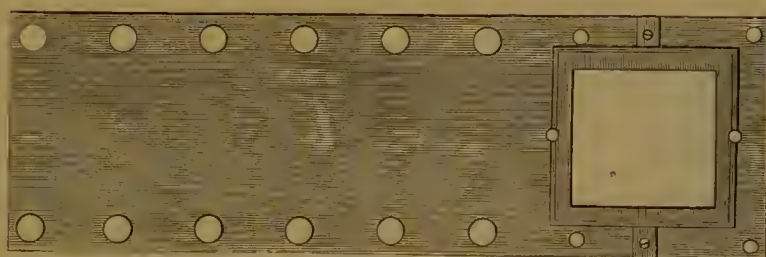
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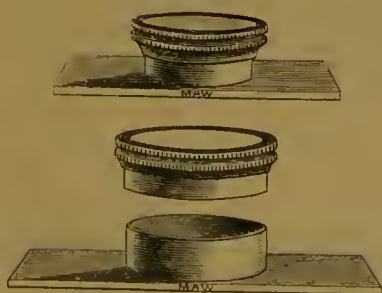
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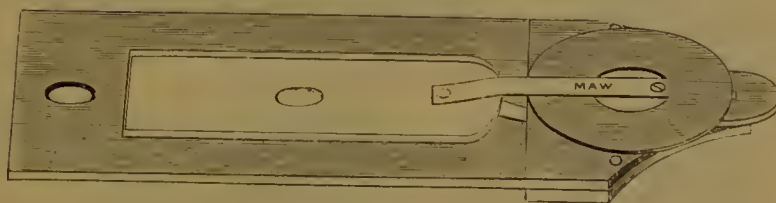
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Fig. 17. CAMERA LUCIDA, WOLLASTON'S.

Fig. 18. CODDINGTON LENS.

Fig. 19. DARK WELLS.

Fig. 20. DOUBLE NOSE-PIECE.

Fig. 21. FROG PLATE.

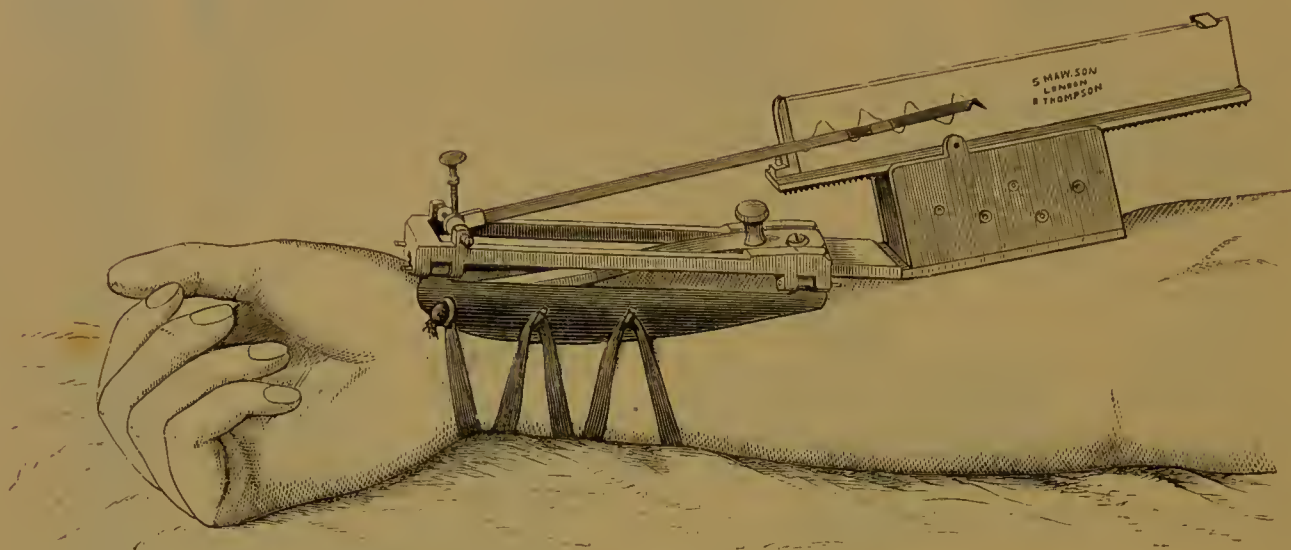
Fig. 22. HAND LENS.

Fig. 23. LIEBERKÜHN'S.

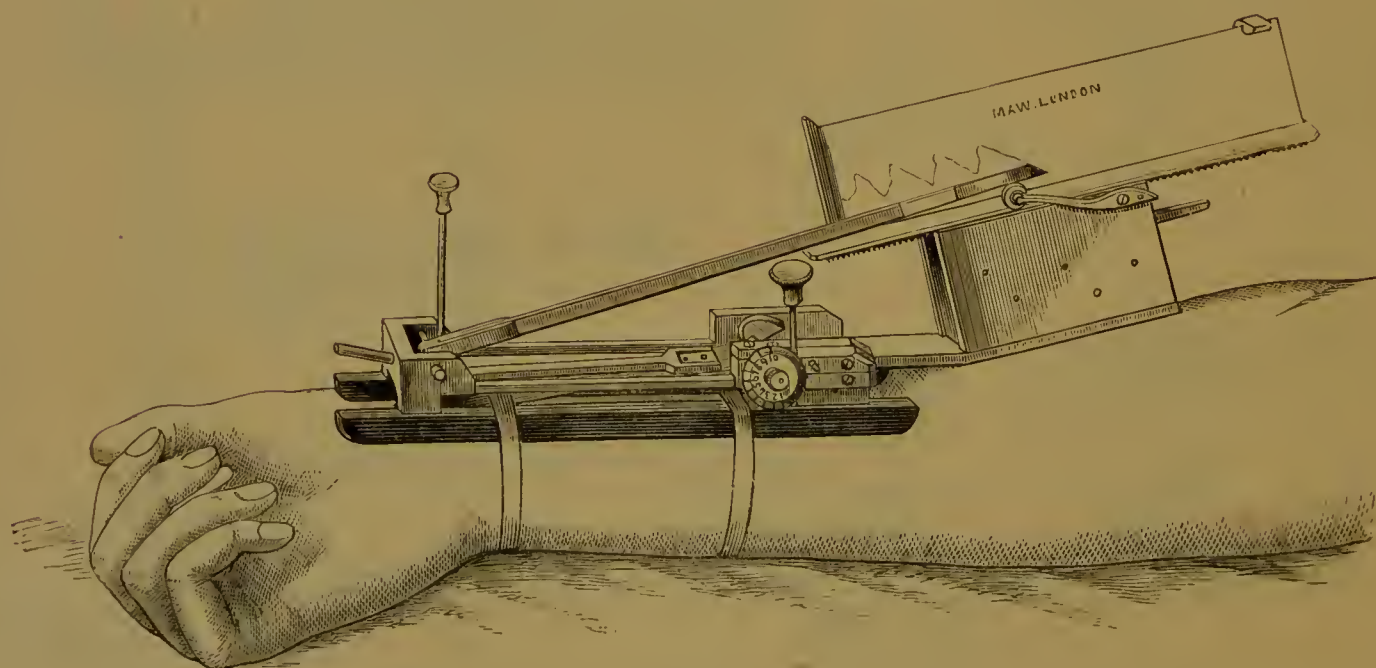
Fig. 24. LIVE BOXES.

Fig. 25. LIVE TRAP.

SPHYGMOGRAPHS.



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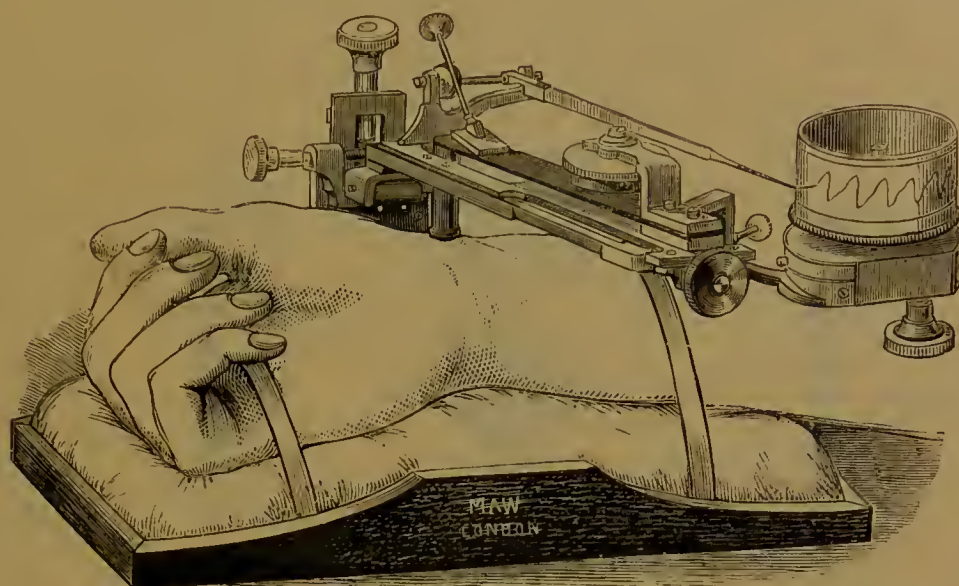
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Fig. 1. MAREY'S.

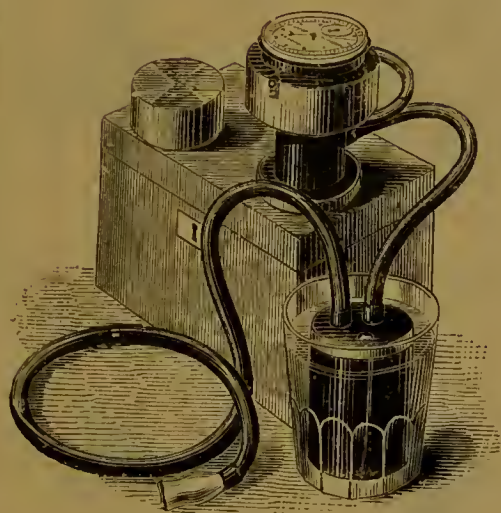
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Fig. 2. MAHOMED'S.

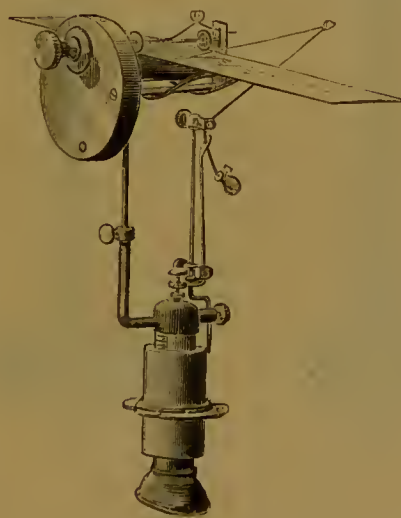
SPHYGMOGRAPHS, SPIROMETER, ETC.



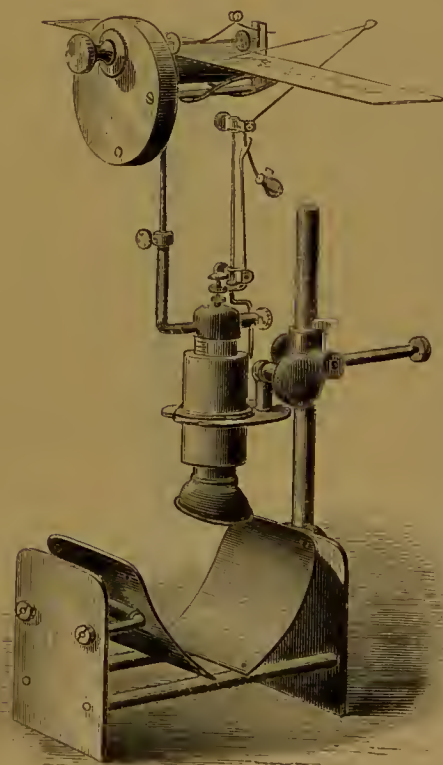
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Fig. 3. SPHYGMOGRAPH, MAW'S.
Fig. 4. SPHYGMOGRAPH, POND'S.
Fig. 5. SPIROMETER, LOWNDE'S.

Fig. 6. WALDENBURG'S APPARATUS, FOR ADMINISTERING AIR IN DISEASES OF THE RESPIRATORY AND CIRCULATORY SYSTEMS.

STETHOSCOPES, ETC.

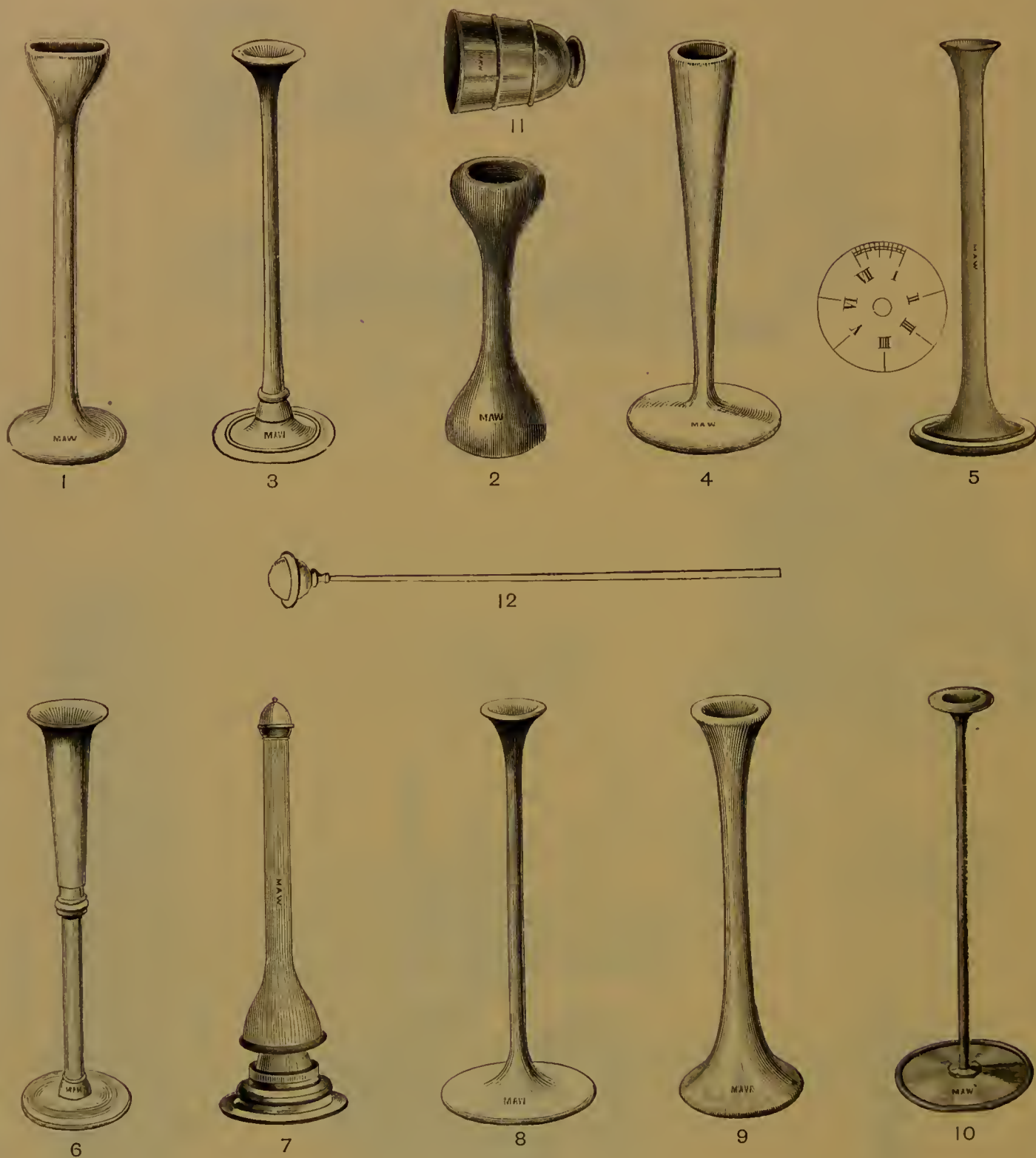
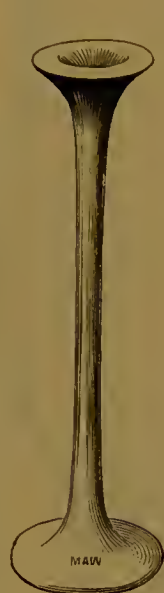


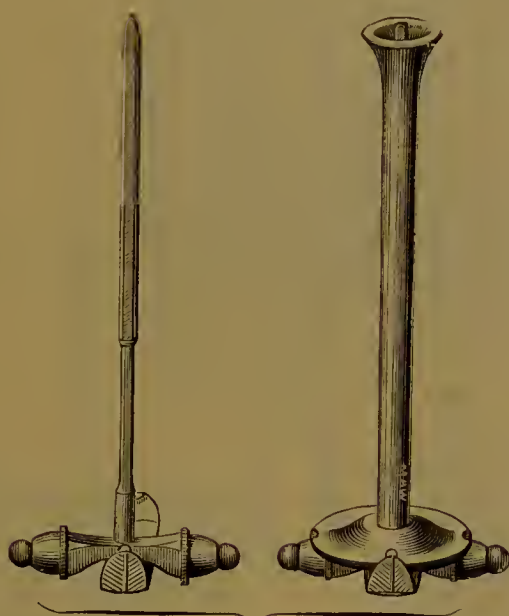
Fig. 1. BARRON'S.
 Fig. 2. BILLING'S.
 Fig. 3. BURROWS'.
 Fig. 4. CLARK'S.

Fig. 5. DOBELL'S.
 Fig. 6. EBONITE, PORTABLE, FOR
 POCKET.
 Fig. 7. ELLIOTSON'S.
 Fig. 8. FERGUSON'S.

Fig. 9. HUGHES'.
 Fig. 10. METAL, VULCANITE
 EAR-PLATE.
 Fig. 11. PERCUSSION THIMBLE.
 Fig. 12. PLESSER, VERNON'S.

STETHOSCOPES, ETC. (*Continued*).

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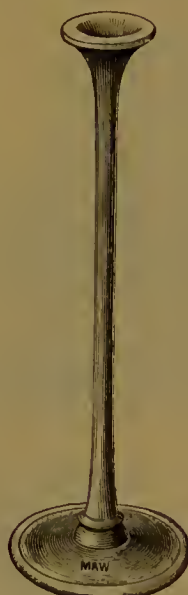
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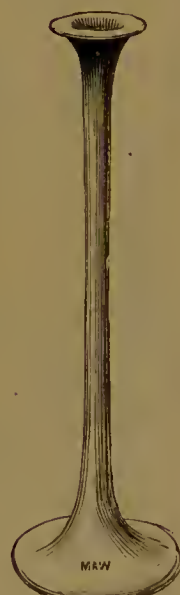
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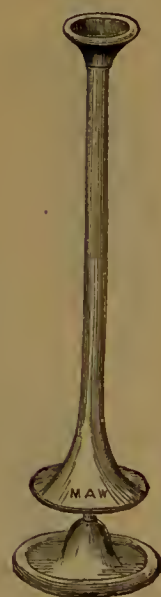
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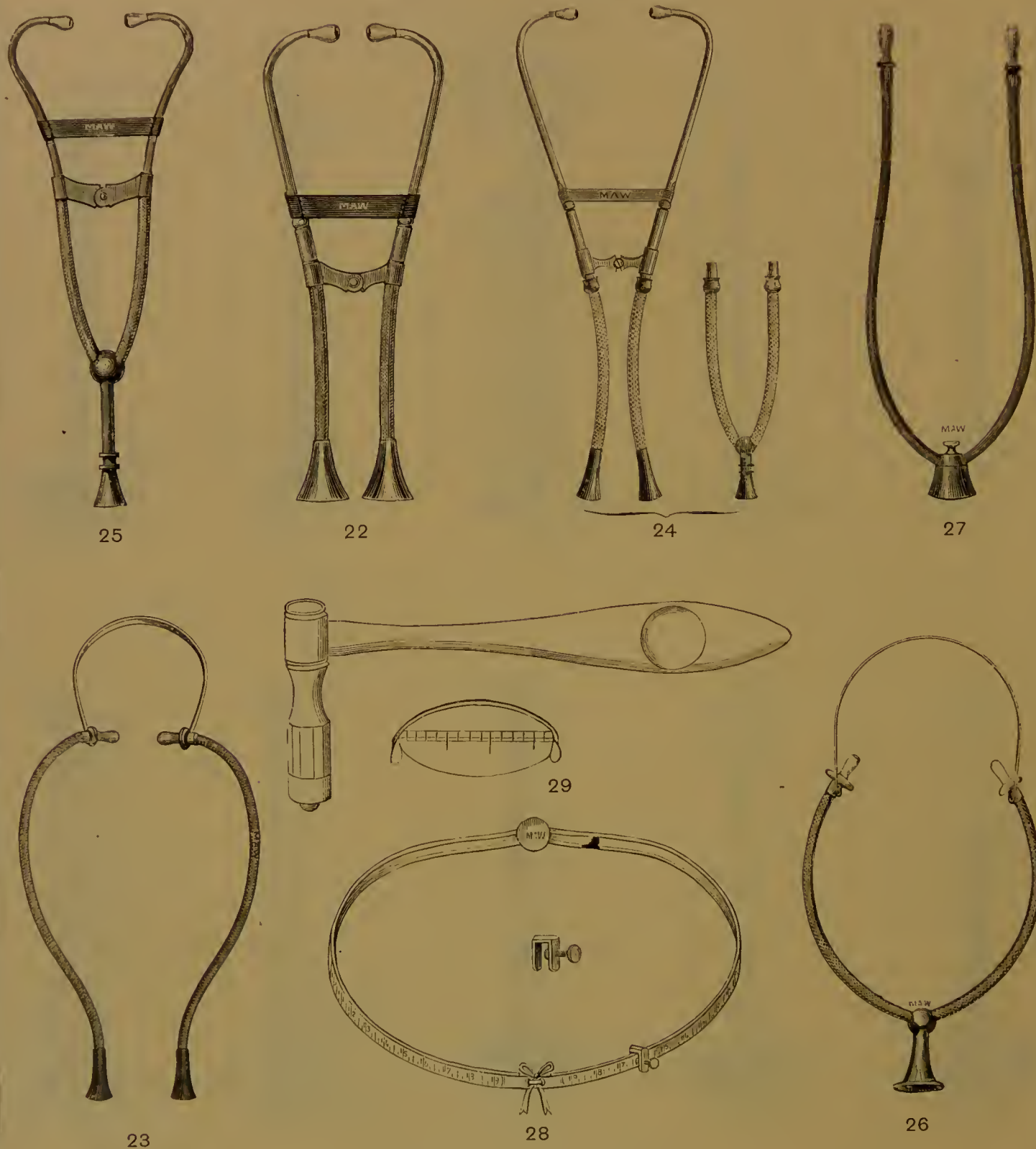


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Fig. 13. *SALTER'S.*Fig. 14. *STEARNE'S, WITH PLEXIMETER AND PLESSER.*Fig. 15. *STOKES'.*Fig. 16. *STOKES', WITH RING FOR PERCUSSION.*Fig. 17. *TELESCOPIC, IVORY MOUNTS.*Fig. 18. *VULCANITE, MOVABLE EAR-PLATE.*Fig. 19. *WALSH'S.*Fig. 20. *WALSH'S, SOLID.*Fig. 21. *WILLIAMS'.*

STETHOSCOPES, ETC. (*Continued*).

- Fig. 22. BINAURAL, DOUBLE CHEST-PIECES.
 Fig. 23. BINAURAL, DOUBLE CHEST-PIECES
 AND STEEL HEAD SPRING.
 Fig. 24. BINAURAL, DOUBLE AND SINGLE
 CHEST-PIECES.
 Fig. 25. BINAURAL, SINGLE CHEST-PIECE.

- Fig. 26. BINAURAL, SINGLE CHEST-PIECE
 AND STEEL HEAD SPRING.
 Fig. 27. BINAURAL, SINGLE CHEST-PIECE,
 STEARNE'S.
 Fig. 28. CHEST MEASURE, SCOTT'S.
 Fig. 29. PLEXIMETER AND PLESSER.

URINE TEST CASES, TEST STANDS, ETC.

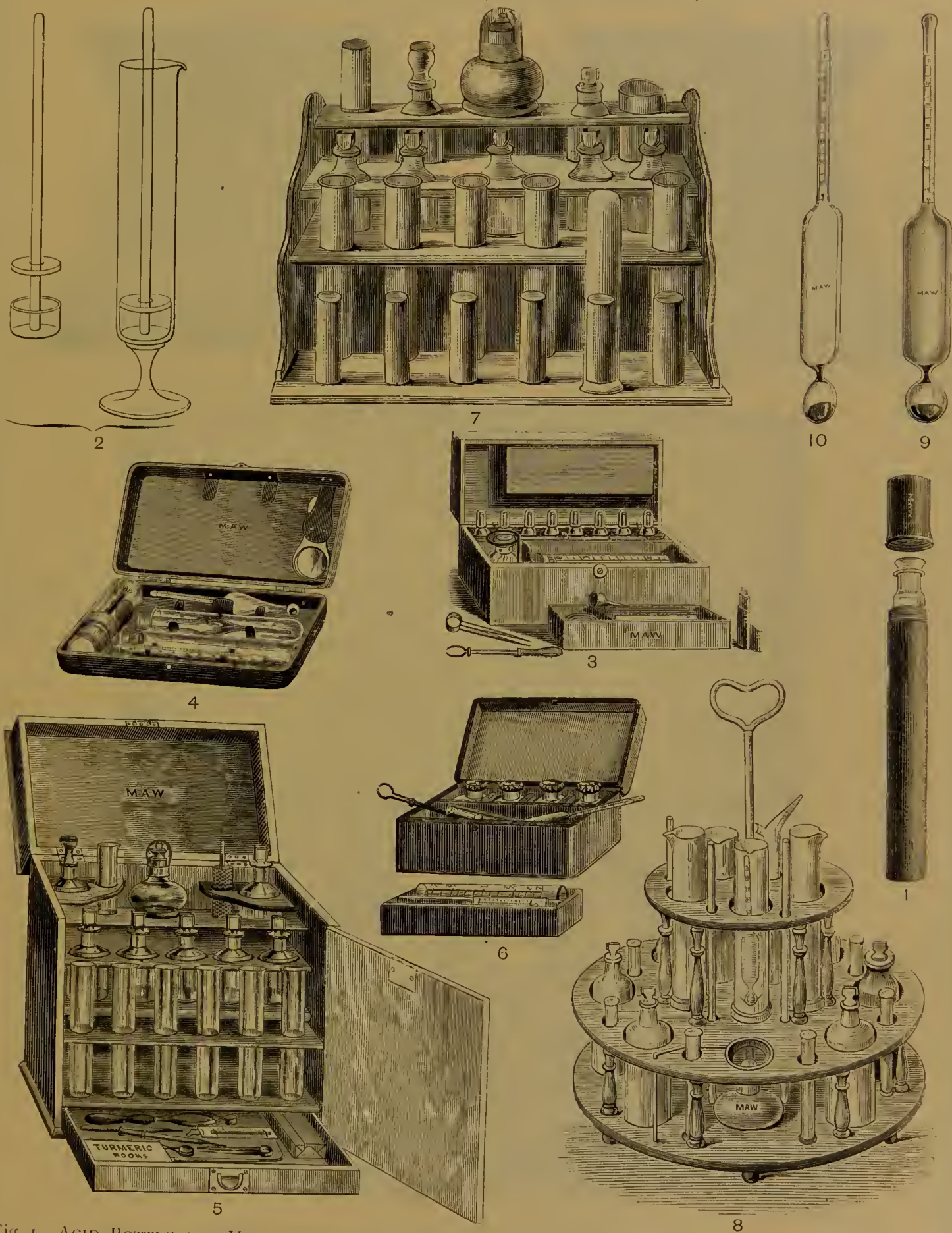


Fig. 1. ACID BOTTLE AND VULCANITE CASE.
Fig. 2. SEDIMENT COLLECTOR, DOBELL'S.

Fig. 3. TEST CASE, BEALE'S.
Fig. 4. } TEST CASES, MAW'S.
Fig. 5. }
Fig. 6. TEST CASE, PROUT'S.

Fig. 7. TEST STAND, MAW'S.
Fig. 8. TEST STAND, ROBERTS'.
Fig. 9. URINOMETER, ROUND BULB.
Fig. 10. URINOMETER, FLAT BULB.

SECTION XVII.

ANATOMICAL, DISSECTION, AND POST-MORTEM
INSTRUMENTS,
HUMAN SKELETON AND BONES.

CONTENTS OF SECTION XVII.

BLOW-PIPE.
BOWEL SCISSORS.
BRAIN KNIFE.
CARTILAGE KNIVES.
CHISEL.
DISSECTION FORCEPS.
DISSECTION SCALPELS.
DISSECTION SCISSORS.
EMBALMING SYRINGE.

FEMURS.
FOOT, ARTICULATED.
HAMMER.
HAND, ARTICULATED.
MALLET.
NEEDLE.
POST-MORTEM CASES.
POST-MORTEM INSTRUMENTS.
SAW.

SKELETON, ARTICULATED.
SKULL, ARTICULATED.
SKULL CORONET.
SPINE WRENCH.
SPRING FORCEPS.
SYRINGES FOR ANATOMICAL
INJECTIONS.
TRIPOD.

SYRINGES FOR ANATOMICAL INJECTIONS.

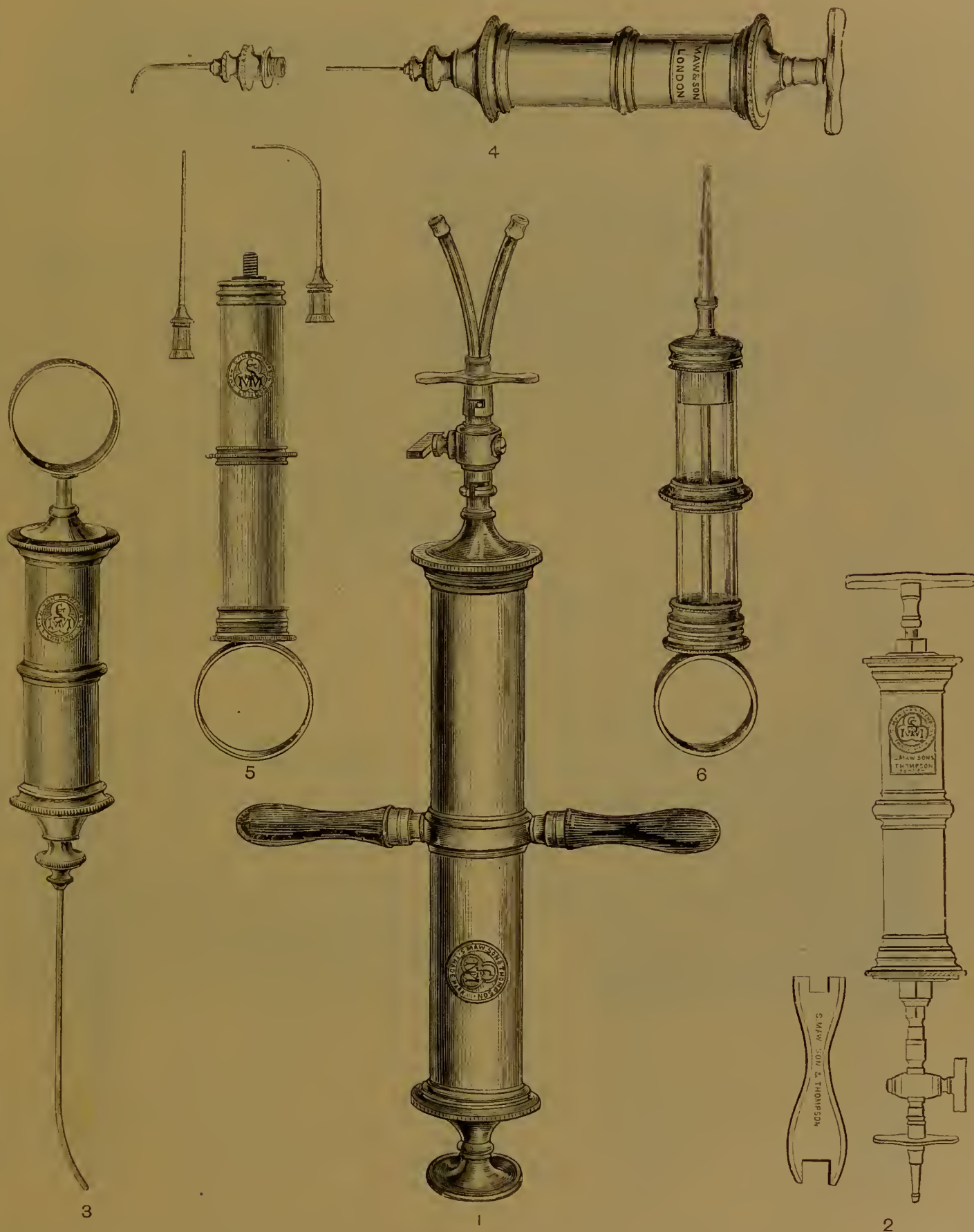


Fig. 1. BRASS, 16 OZ., FOR EMBALMING.

Fig. 2. BRASS, 2 OZ. TO 6 OZ.

Fig. 3. ELECTRO-PLATED, LONG FINE CURVED PIPE, $\frac{1}{2}$ OZ.

Fig. 6. ELECTRO-PLATED MOUNTS AND GLASS BARREL, WITH FINE PIPE, $\frac{1}{4}$ OZ.

Fig. 4. ELECTRO-PLATED, CURVED AND STRAIGHT FINE PIPES, $\frac{1}{2}$ OZ.

Fig. 5. ELECTRO-PLATED, CURVED AND STRAIGHT FINE PIPES, $\frac{1}{4}$ OZ.

DISSECTION INSTRUMENTS.

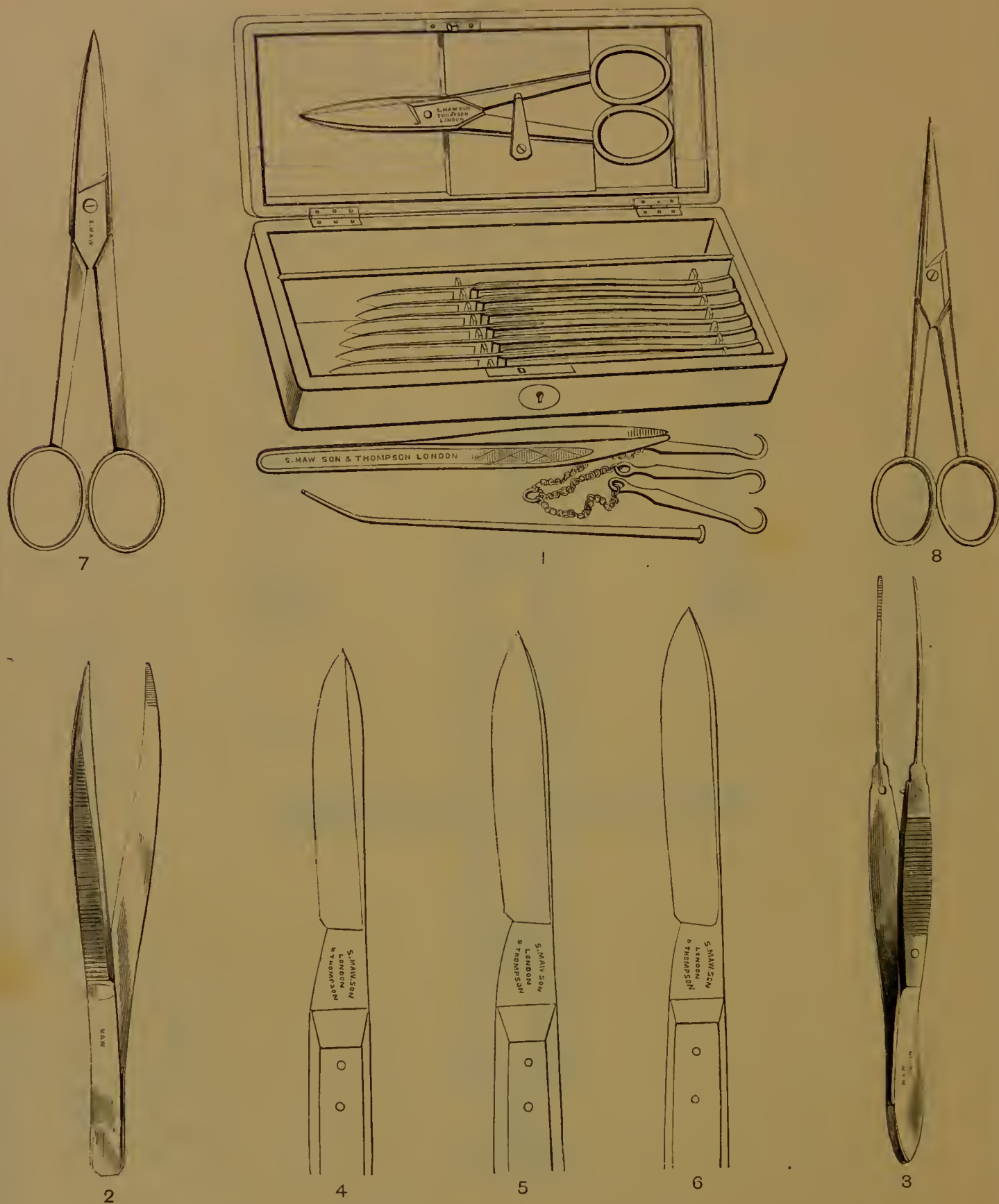


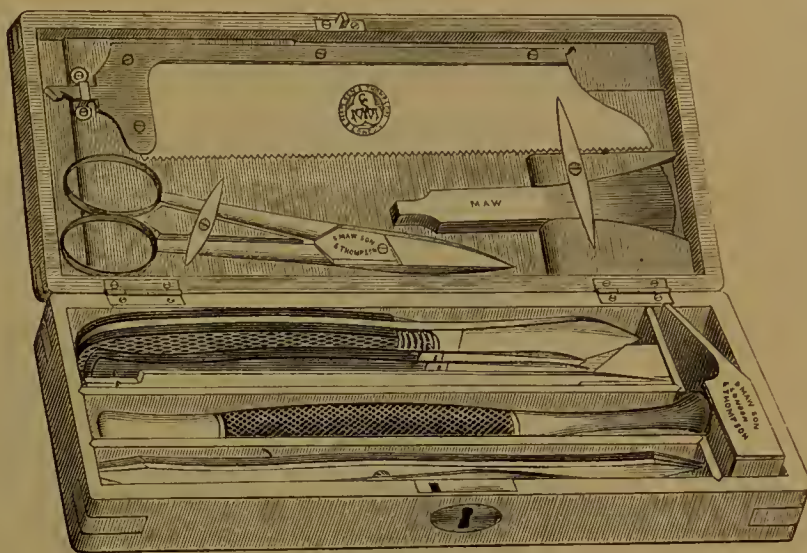
Fig. 1. CONTAINS—BLOW PIPE, CHAIN HOOKS,
FORCEPS, SCISSORS, AND SIX SCALPELS.
Fig. 2. FORCEPS, BROAD POINTS.
Fig. 3. FORCEPS, FINE SERRATED POINTS.

Figs. 4 } SCALPELS.
to 6. }
Fig. 7. } SCISSORS, ROUND AND SHARP POINTS.
Fig. 8. }

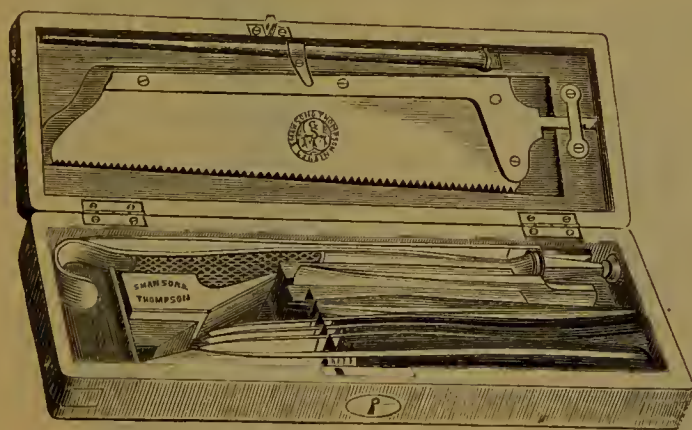
POST-MORTEM CASES.



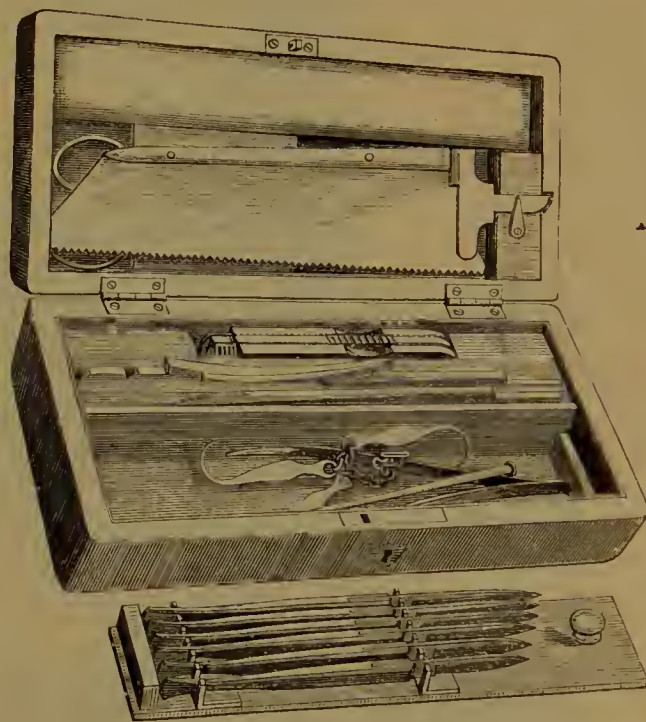
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FIG. 1. CONTAINS:—

BLOW-PIPE.	FORCEPS.
CARTILAGE KNIFE.	NEEDLES.
CATLIN.	SAW.
CHAIN HOOKS.	SCALPELS (Six).
CHISEL.	SCISSORS.

FIG. 2. CONTAINS:—

BLOW-PIPE.	HAMMER.
CARTILAGE KNIFE.	SAW.
CATLIN.	SCALPELS (Two).
CHISEL.	SCISSORS.
FORCEPS.	SKULL REST.

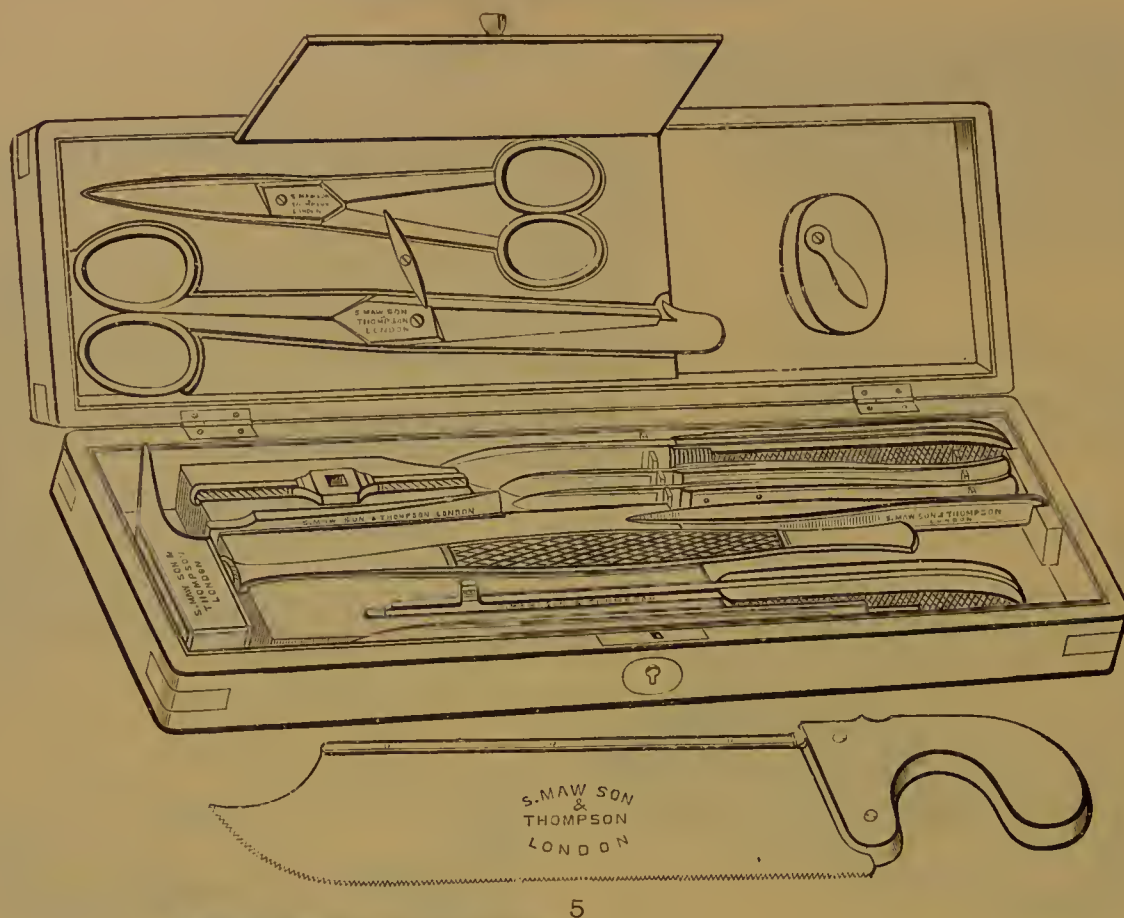
FIG. 3. CONTAINS:—

BLOW-PIPE.	CHAIN HOOKS.	SCALPELS (Six).
BOWEL SCISSORS.	CHISELS (Two).	SKULL REST.
BRAIN KNIFE.	HAMMER.	SCISSORS.
CARTILAGE KNIFE.	LEVER.	WRENCH.
CATLIN.	SAW.	

FIG. 4. CONTAINS:—

BLOW-PIPE.	CHISEL.	SAW.
CARTILAGE KNIFE.	FORCEPS.	SCALPELS (Three).
CATLIN.	HAMMER.	SCISSORS.

POST-MORTEM CASES (Continued).



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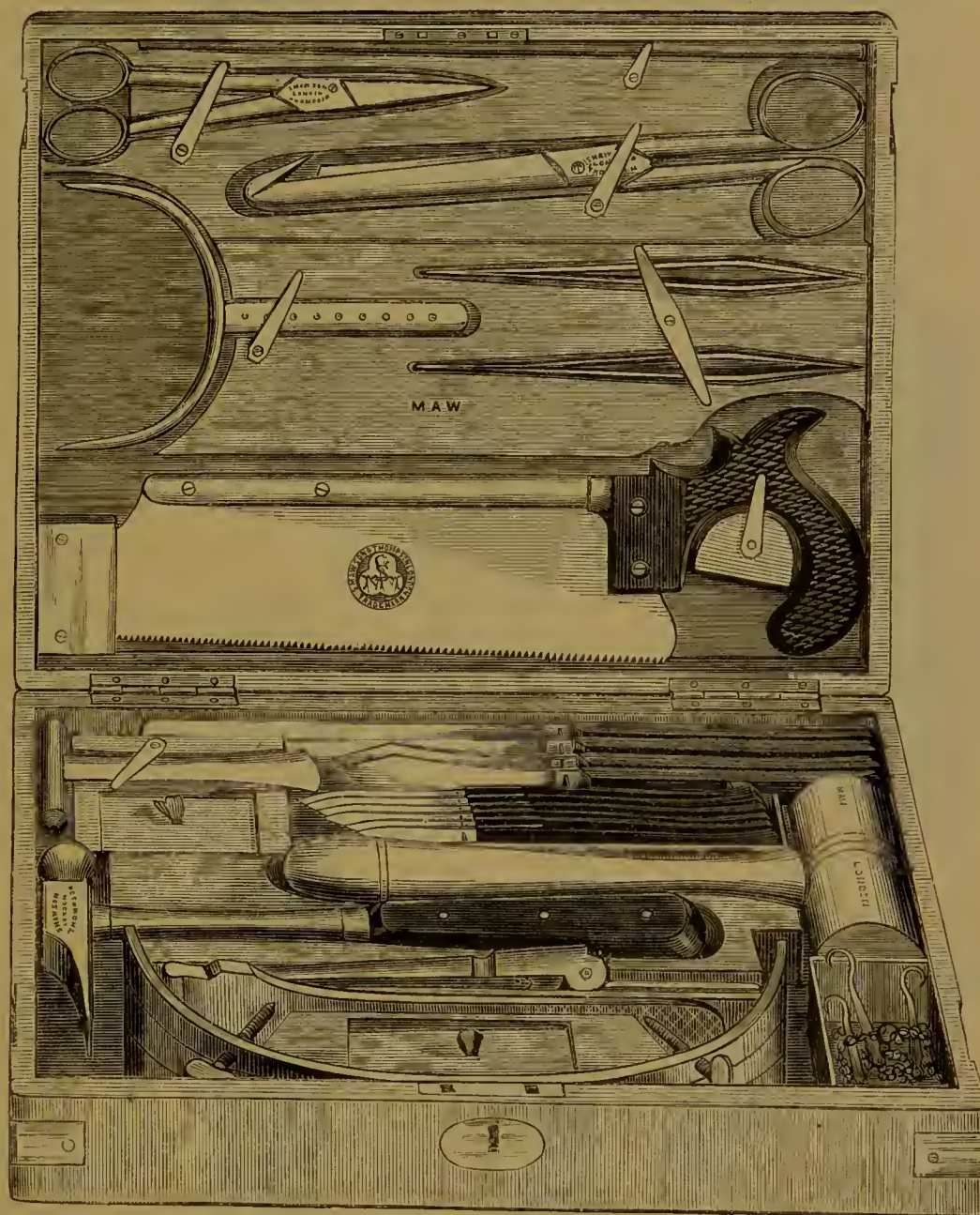
FIG. 5. CONTAINS:

BLOW-PIPE.	CHISEL.	SAW.
BOWEL SCISSORS.	FORCEPS.	SCALPELS (Two).
CARTILAGE KNIFE.	HAMMER.	SCISSORS.
CATLIN.	NEEDLES.	WRENCH.

FIG. 6. CONTAINS:

BLOW-PIPE.	CATLIN.	SAW.
BONE FORCEPS.	CHISEL.	SCALPELS (Six).
BOWEL SCISSORS.	FORCEPS.	SCISSORS (Two).
CARTILAGE KNIFE.	HAMMER.	TRIPOD.

POST-MORTEM CASES (*Continued*).



7

FIG. 7. FOR HOSPITALS AND INFIRMARIES, CONTAINS:—

BLOW-PIPE.
BOWEL SCISSORS.
BRAIN KNIFE.
CARTILAGE KNIVES (Two).
CATLIN.
CHAIN HOOKS.

CHISEL.
HAMMER.
MALLET.
NEEDLES.
SAW.
SCALPELS (Six).

SCISSORS.
SKULL CORONET.
SPRING FORCEPS (Two).
TRIPOD.
WRENCH.

POST-MORTEM INSTRUMENTS.

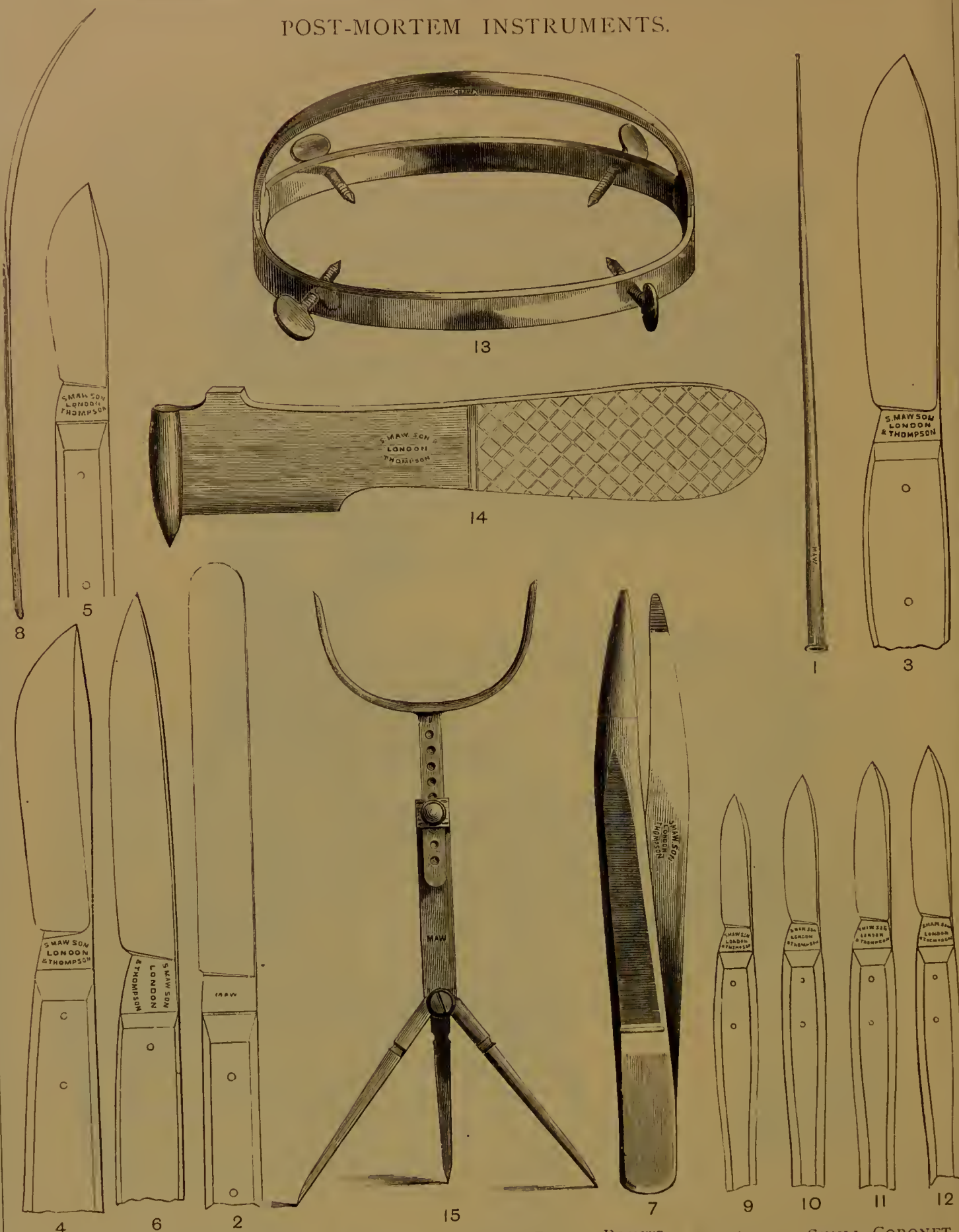


Fig. 1. BLOW-PIPE.

Fig. 2. BRAIN KNIFE.

Figs. 3 } CARTILAGE KNIVES.
to 6. }

Fig. 7. FORCEPS, BROAD POINTS.

Fig. 8. NEEDLE.

Figs. 9 } SCALPELS.
to 12. }

Fig. 13. SKULL CORONET.

Fig. 14. SPINE WRENCH.

Fig. 15. TRIPOD.

POST-MORTEM INSTRUMENTS (Continued).



19



16



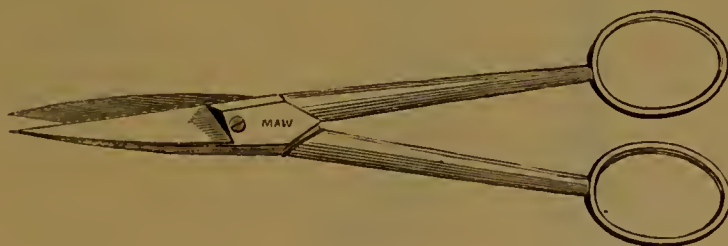
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Fig. 16. BOWEL SCISSORS.

Fig. 17. CHISEL.

Fig. 18. HAMMER.

Fig. 19. Mallet.

Fig. 20. SAW.

Fig. 21. SCISSORS.

HUMAN SKELETON AND BONES.

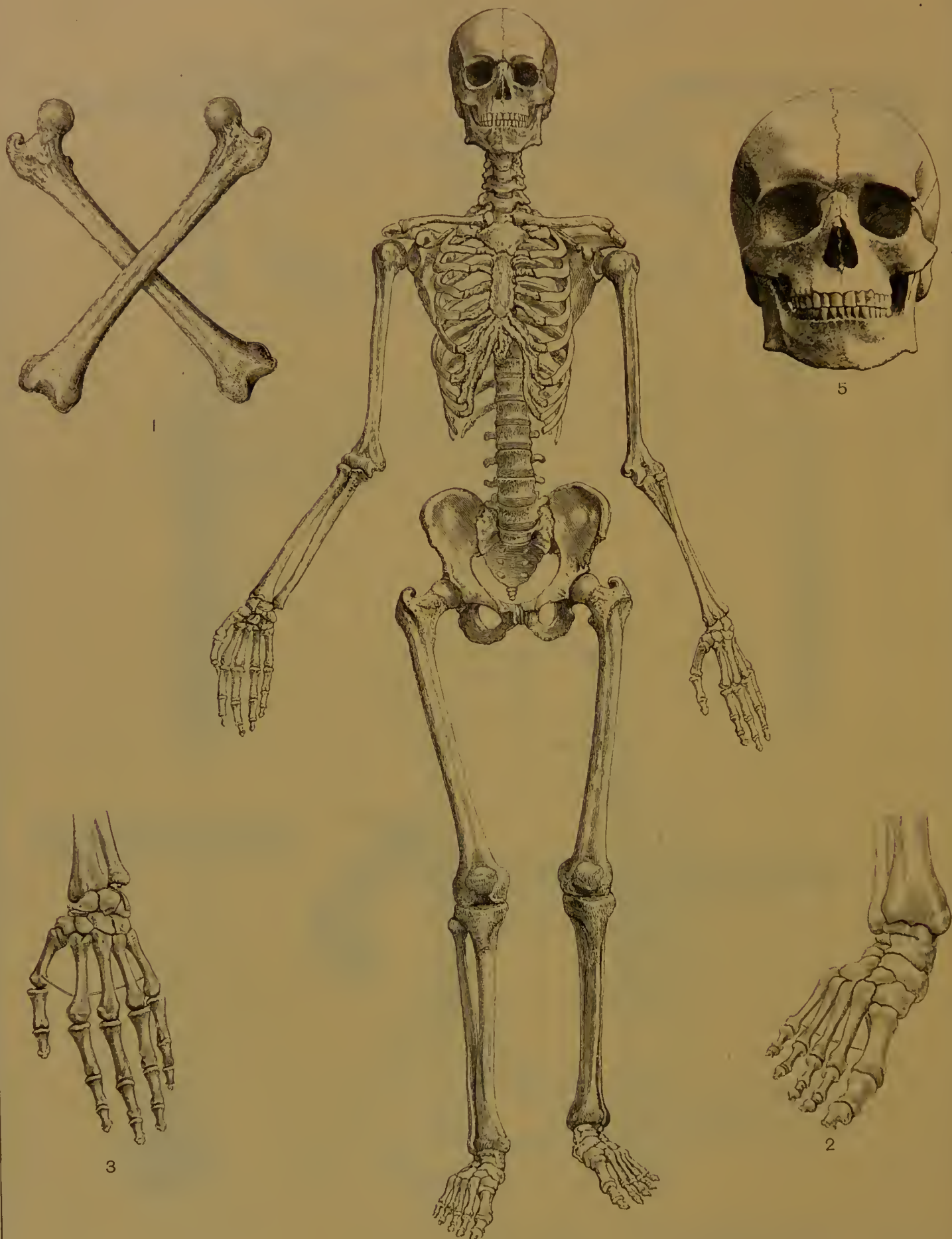


Fig. 1. FEMURS.

Fig. 2. FOOT, ARTICULATED.

Fig. 3. HAND, ARTICULATED.

Fig. 4. SKELETON, ARTICULATED.

Fig. 5. SKULL, ARTICULATED.

SECTION XVIII.



MISCELLANEOUS APPARATUS, INSTRUMENTS,
ETC.

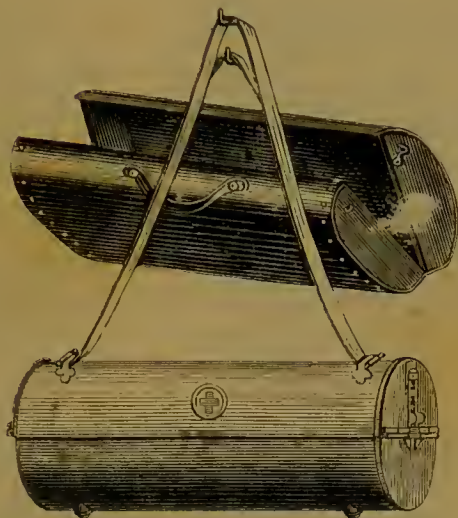
CONTENTS OF SECTION XVIII.

ANÆSTHETIC INHALERS.
ANTISEPTIC APPARATUS.
ANTISEPTIC INHALERS.
APPLIANCES FOR REFRACTORY
PATIENTS.
BACK RESTS.
BANDAGE MACHINES.
BANDAGE SHEARS.
BED BATH.
BED LIFT.
BED TABLES.
BIDET.
BREAST BALLS.
BREAST GLASS.
BREAST PUMPS.
BREAST RELIEVERS.
BRONCHITIS KETTLE.
CARRYING CHAIR.
CIRCUMCISION CLAMP.
COUCHES FOR INVALIDS.

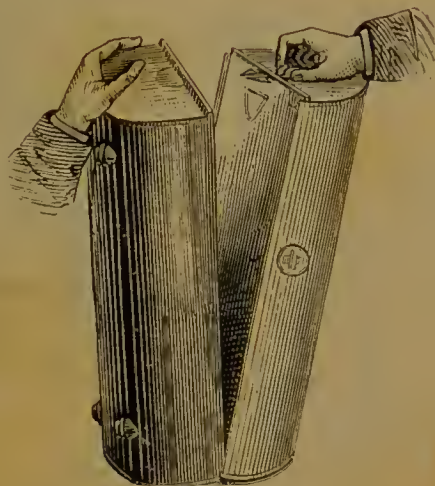
DRAINAGE TUBES.
EAR FORCEPS.
ETHER SPRAY.
EXTENSION SPLINT.
GRAVITATION TRANSFUSION
APPARATUS.
GUARDED PIN.
HOT-AIR BATHS.
ILLUMINATING LAMP.
INSTRUMENTS FOR RADICAL
CURE OF HERNIA.
KETTLE FOR CROUP.
LARYNGOSCOPE.
LEG REST.
OPERATION CHAIR.
OPERATION TABLE.
POCKET INHALERS.
PROBE FOR THE APPLICATION
OF WOOL TO THE EAR.

RECLINING BOARD.
SCREW HOOK FOR THE APPLICA-
TION OF WOOL TO THE UTERUS.
SPHYGMOGRAPH.
SPIRAL NEEDLE.
SPONGE BATH.
STEAM SPRAY PRODUCERS.
SURFACE THERMOMETERS.
SURGERY BASINS.
SUSPENSION APPARATUS.
TAXIDERMISTS' INSTRUMENTS.
THERMO-CAUTERY.
TRANSFUSION APPARATUS.
TROCAR FOR EVACUATION AND
INJECTION.
UTERUS PROBE AND CANULAS
FOR DILATING THE UTERUS.
VACCINATION SHIELD.
VAPOUR BATHS.
VEIN BROOCH AND TOURNIQUET.

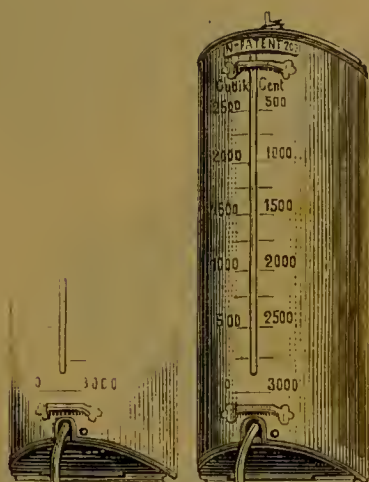
MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC.



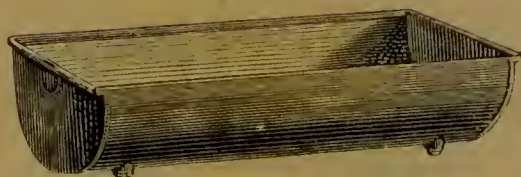
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ANTISEPTIC APPARATUS (PATENT).

Fig. 1. APPARATUS, IN CASE, COMPLETE.

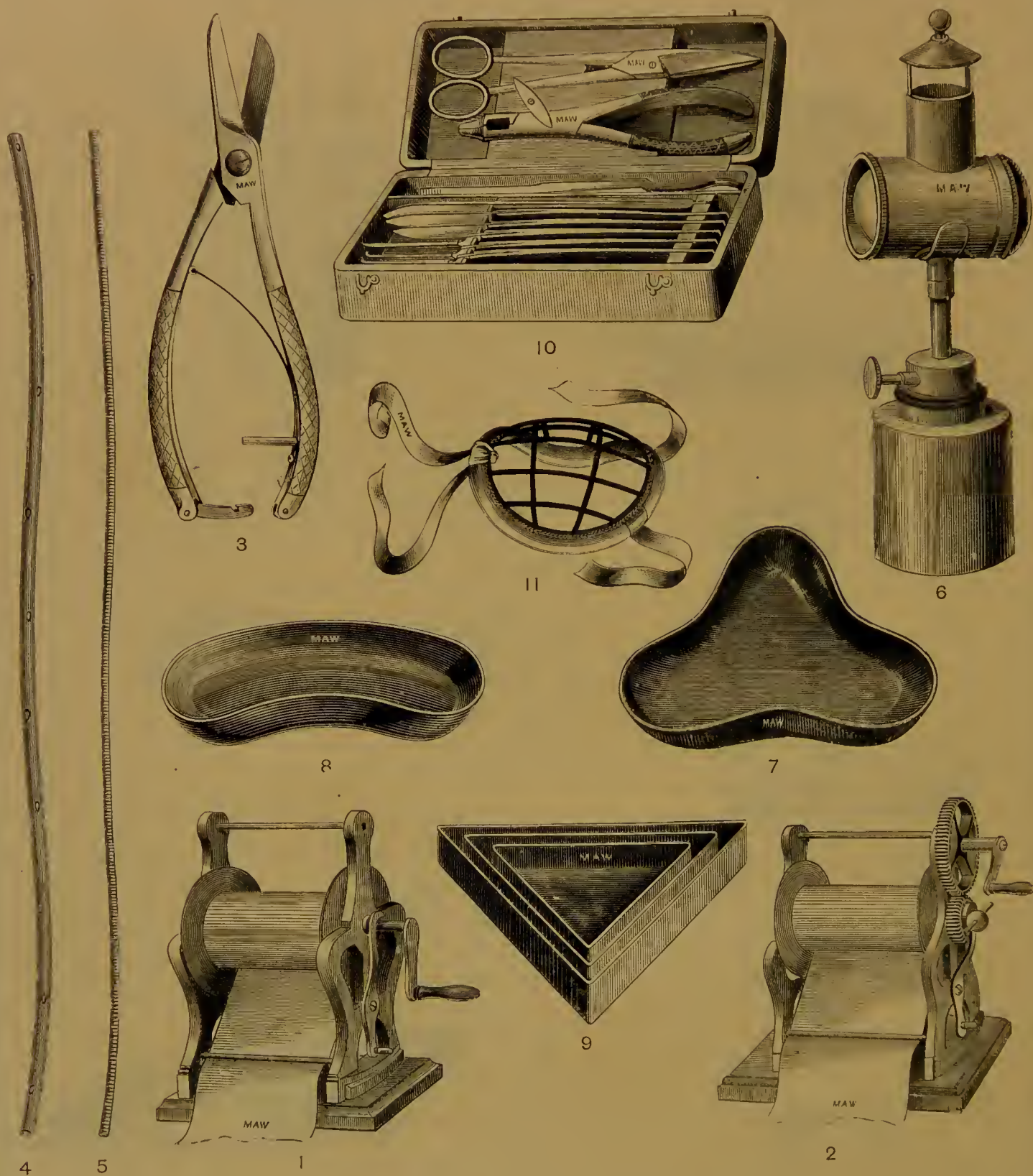
Fig. 2. BASIN.

Fig. 3. CARDBOARD BOX CONTAINING THE DRESSINGS.

Fig. 4. COMBINED ACTION OF IRRIGATOR AND SPRAY.

Fig. 5. OPENING OF THE APPARATUS.

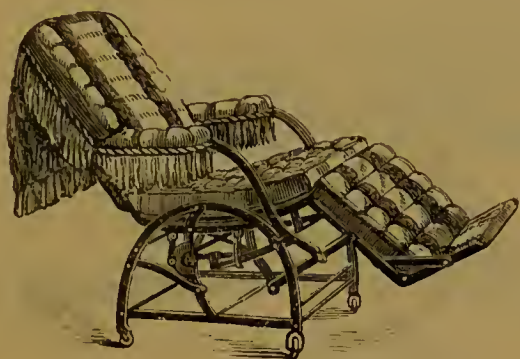
MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).



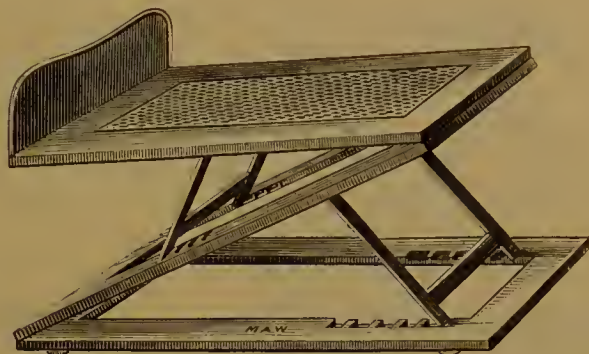
- Fig. 1. BANDAGE MACHINE, PLAIN.
 Fig. 2. BANDAGE MACHINE, MAW'S IMPROVED,
 WITH COMPOUND ACTION.
 Fig. 3. BANDAGE SHEARS, SEUTIN'S.
 Fig. 4. DRAINAGE TUBE, INDIA-RUBBER.
 Fig. 5. DRAINAGE TUBE, GILT SPIRAL WIRE.

- Fig. 6. ILLUMINATING LAMP, WITH MAGNIFYING LENS.
 Fig. 7. SURGERY BASIN, TRIANGULAR, VULCANITE.
 Fig. 8. SURGERY BASIN, "KIDNEY" SHAPE, VULCANITE.
 Fig. 9. SURGERY BASINS, SET OF THREE, METAL.
 Fig. 10. TAXIDERMISTS' INSTRUMENTS.
 Fig. 11. VACCINATION SHIELD.

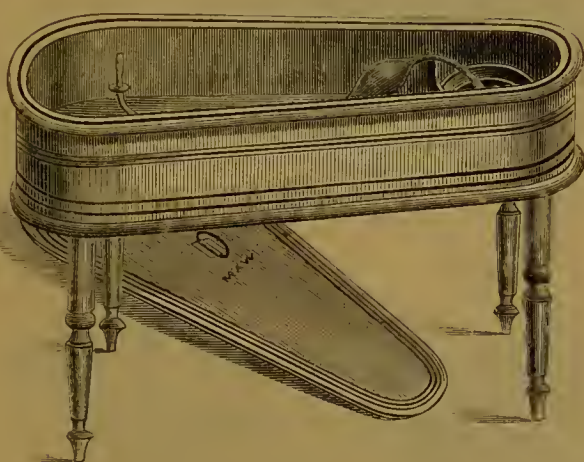
MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).



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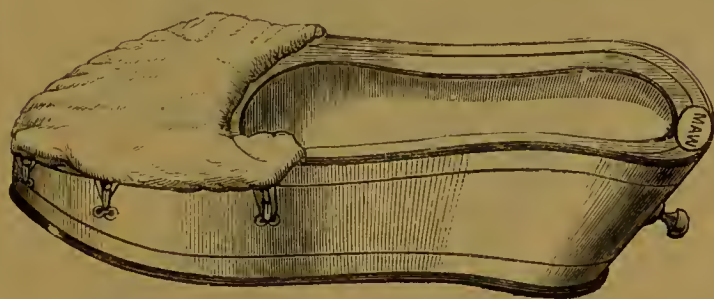
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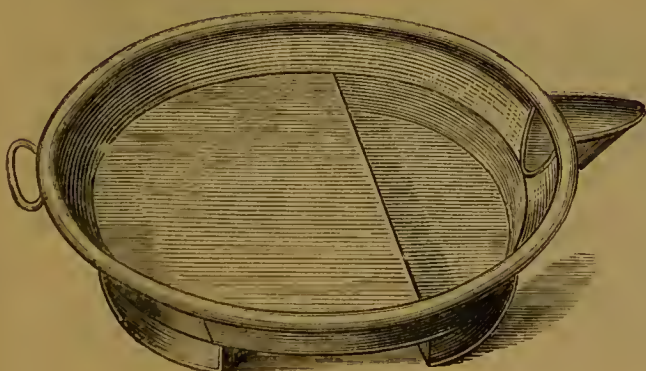
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Fig. 1. BACK REST, METAL FRAME.

Fig. 2. BACK REST, WOOD.

Fig. 3. BED BATH.

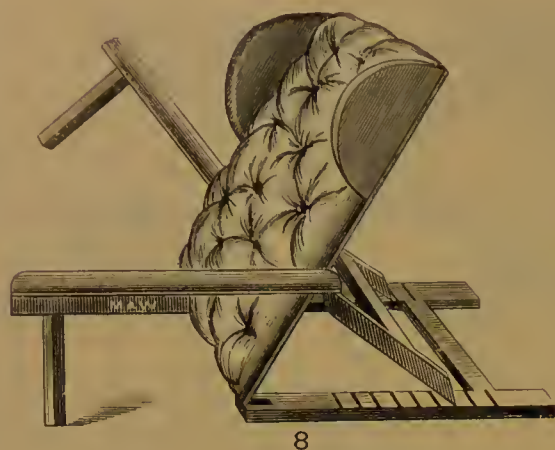
Fig. 4. BIDET, MAW'S.

Fig. 5. COUCH FOR INVALIDS.

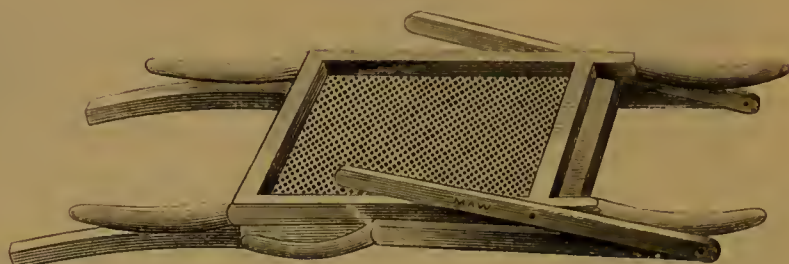
Fig. 6. LEG REST.

Fig. 7. SPONGE BATH, WITH DRY PLATFORM, GROOM'S.

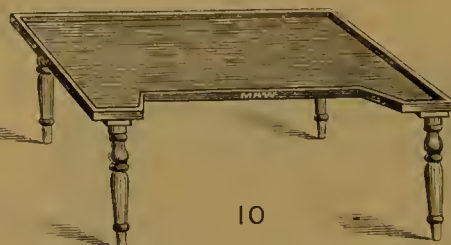
MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued.)



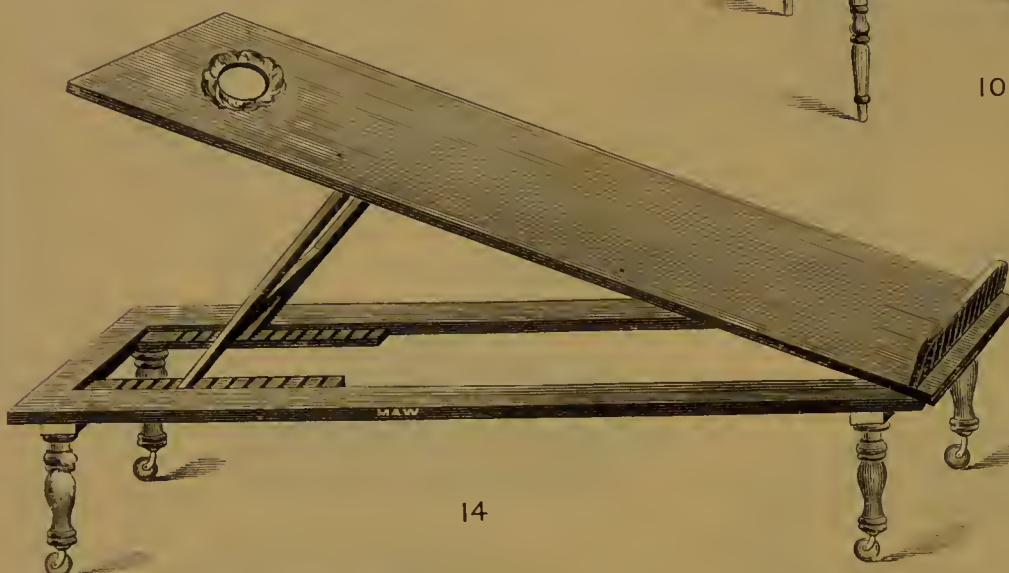
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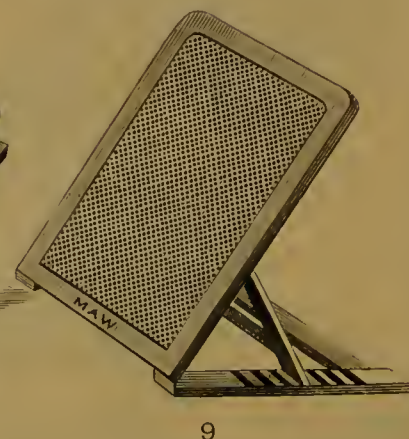
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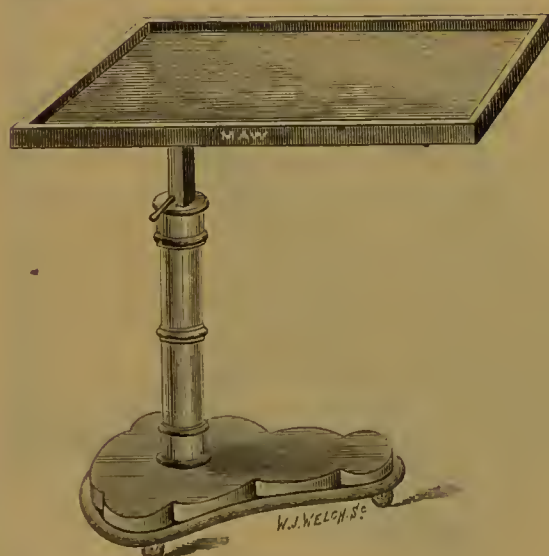
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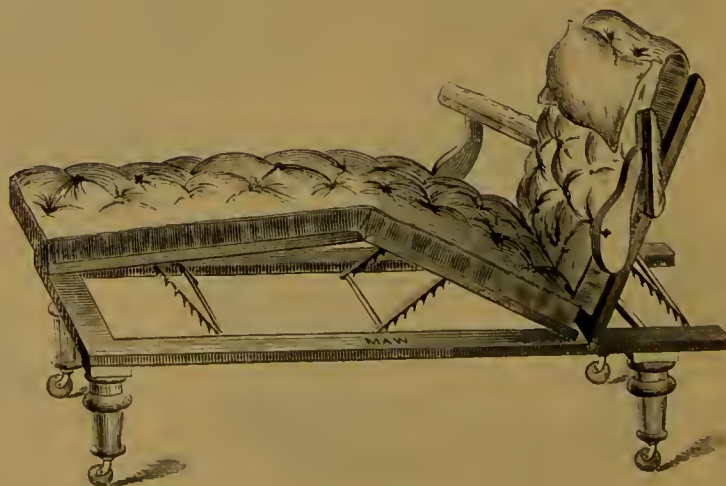
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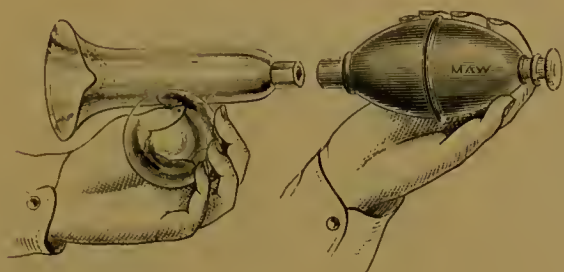


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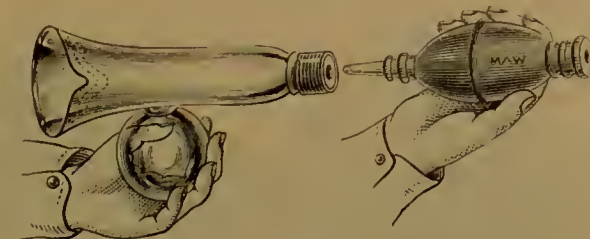
Fig. 8. } BACK RESTS.
 Fig. 9. }
 Fig. 10. BED TABLE.
 Fig. 11. BED TABLE, SLIDING LEG.

Fig. 12. CARRYING CHAIR.
 Fig. 13. COUCH FOR INVALIDS.
 Fig. 14. RECLINING BOARD FOR SPINE DISEASE.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).



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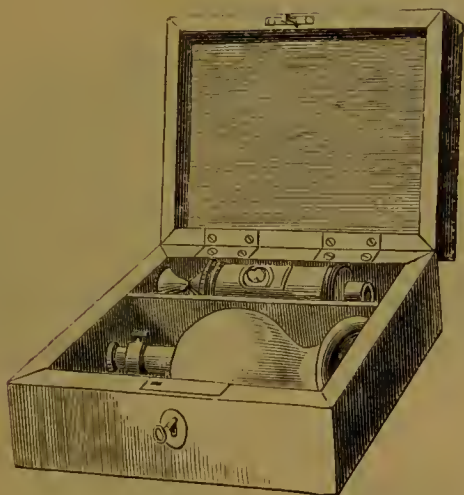
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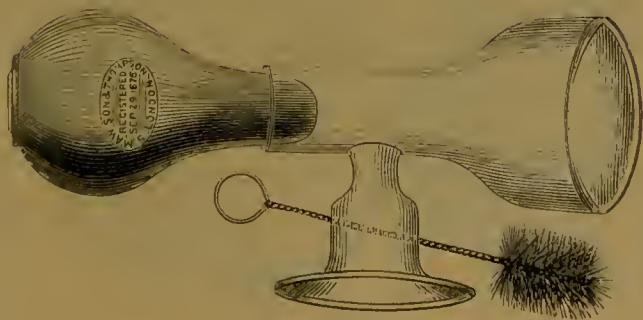
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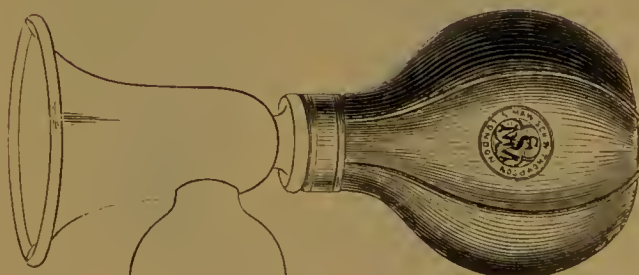
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- Fig. 1. BREAST BALL, GLASS SHIELD.
 Fig. 2. BREAST BALL, EBONY SHIELD.
 Fig. 3. BREAST GLASS, WITH ELASTIC TUBE.
 Fig. 4. BREAST PUMP, BRASS.

- Fig. 5. BREAST PUMP, MATTSON'S.
 Fig. 6. BREAST PUMP, "VIBRATORY," MATTSON'S.
 Fig. 7. BREAST RELIEVER.
 Fig. 8. BREAST RELIEVER, IMPROVED, REGISTERED.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).

ANÆSTHETIC INHALERS.

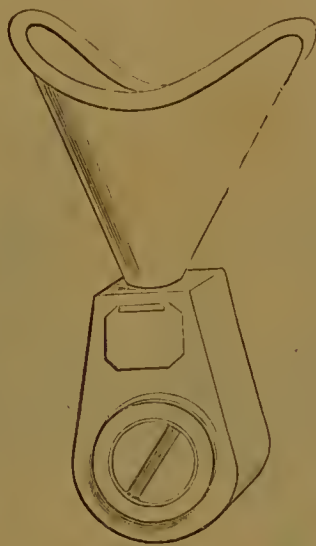
Fig. 1. } CLOVER'S.
 Fig. 2. }
 Fig. 3. ORMSBY'S.

Fig. 4. SIBSON'S.
 Fig. 5. SKINNER'S.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).



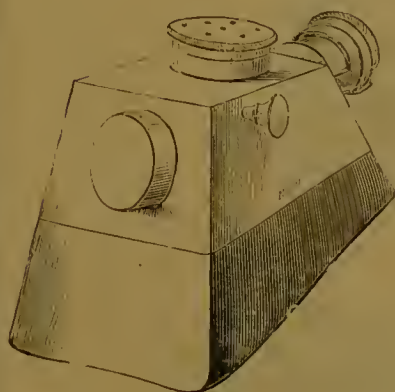
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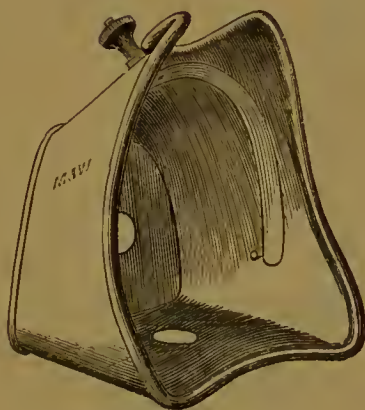
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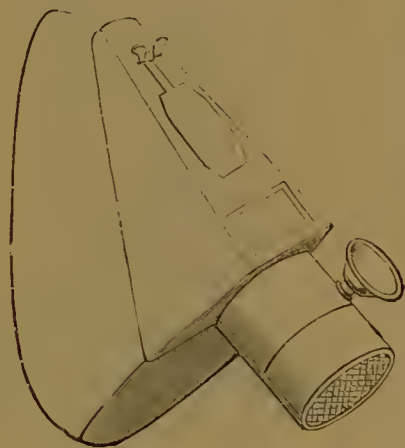
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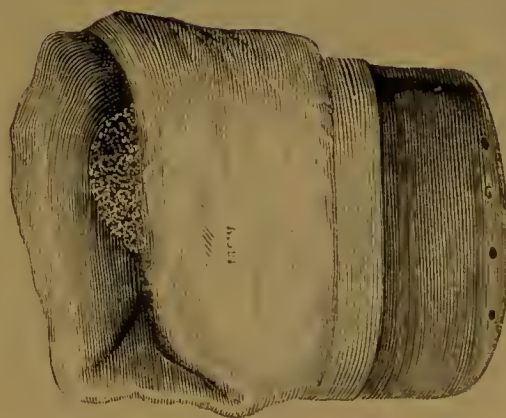
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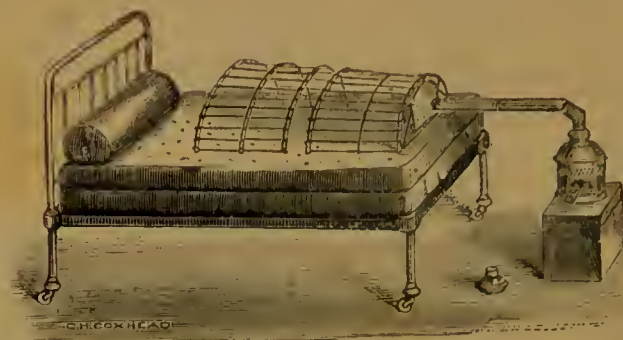
ANÆSTHETIC INHALERS.

- Fig. 6. BIRD'S.
- Fig. 7. JUNKER'S.
- Fig. 8. MURPHY'S.
- Fig. 9. PARKER'S.

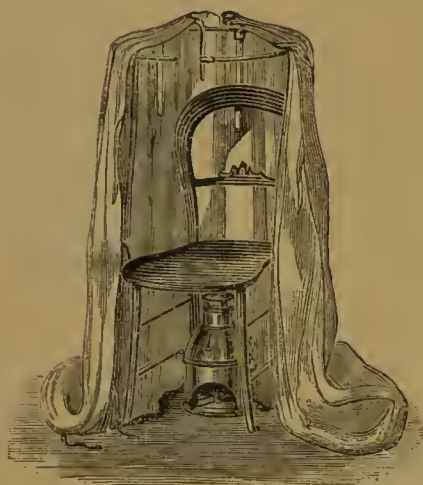
- Fig. 10. SKINNER'S.
- Fig. 11. SNOW'S.
- Fig. 12. SNOW'S, MODIFIED.
- Fig. 13. TOWNLEY'S.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).

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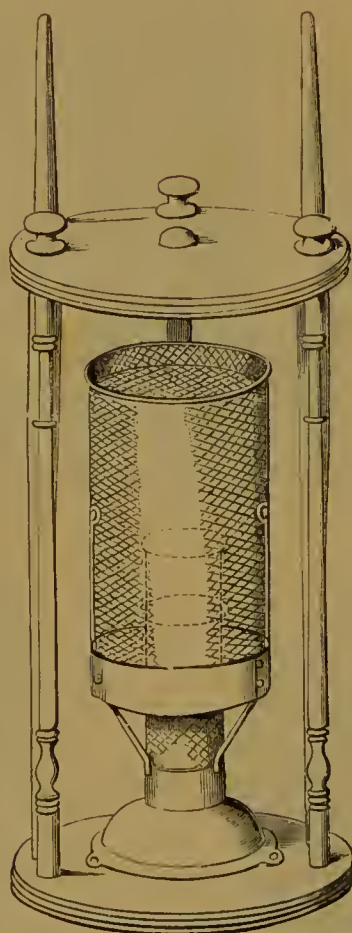
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HOT-AIR AND VAPOUR BATHS.

Fig. 1. HOT-AIR.

Fig. 2. HOT-AIR AND VAPOUR, WITH WICKER
FRAME, ALLEN'S:Fig. 3. HOT-AIR AND VAPOUR, FOR USE UNDER
A CHAIR, ALLEN'S.Fig. 4. } HOT-AIR AND VAPOUR, FOR USE UNDER
Fig. 5. } LOOSE GARMENTS, ALLEN'S.

Fig. 6. VAPOUR, CALOMEL, ETC., LEE'S.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).

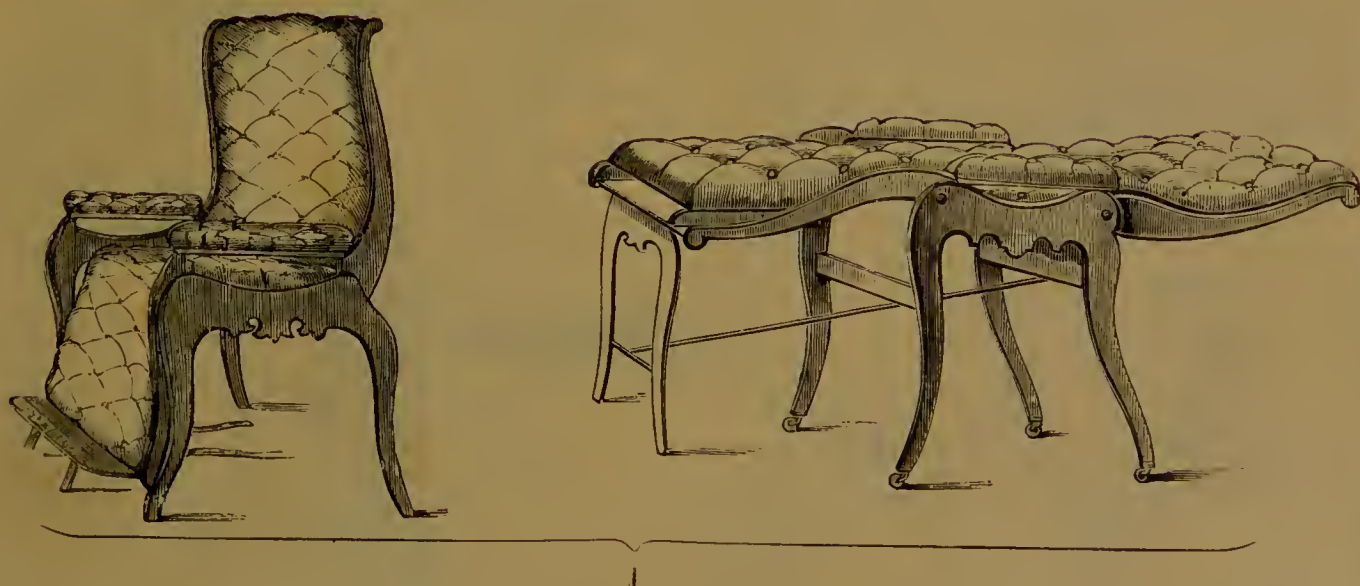
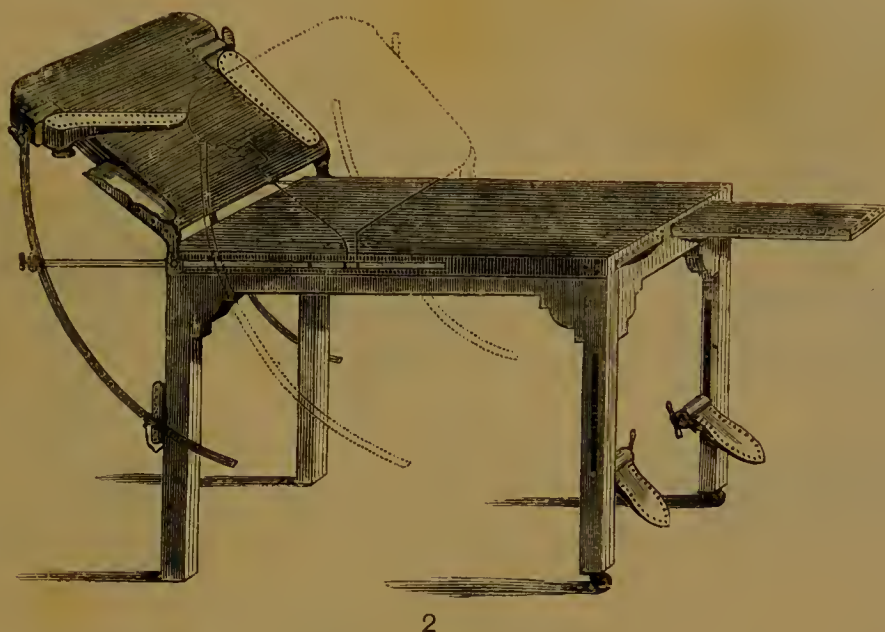
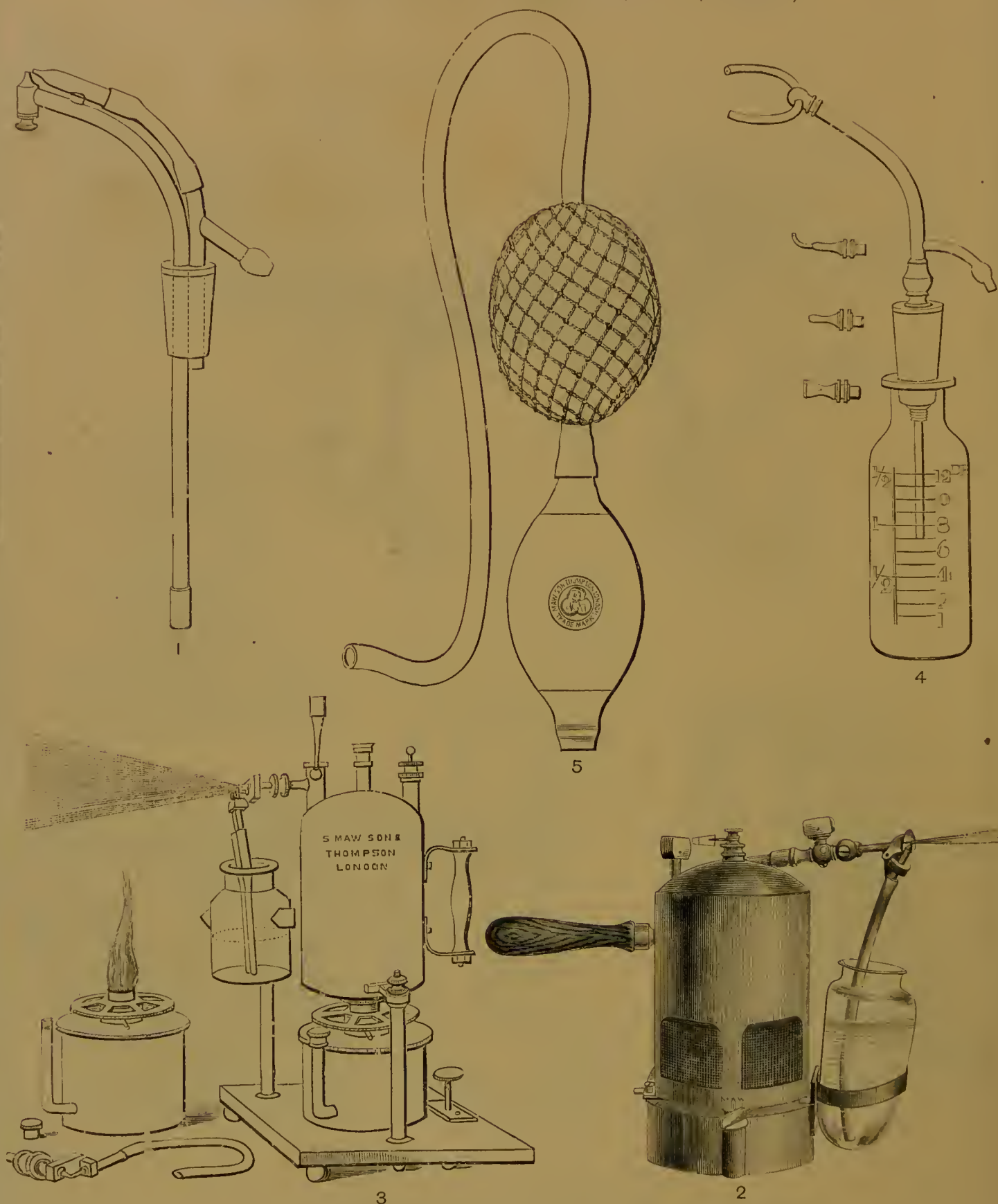


Fig. 1. OPERATION CHAIR FOR UTERINE OPERATIONS, SIM'S.

Fig. 2. OPERATION TABLE, AS USED AT GUY'S HOSPITAL.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).



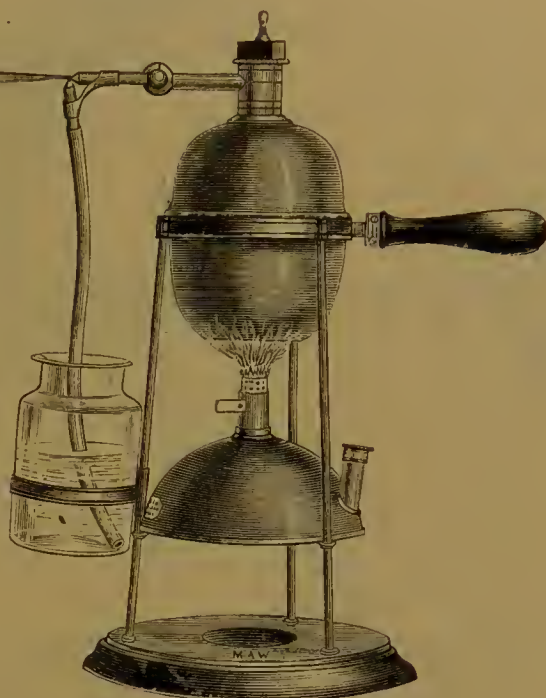
HAND BELLOWS AND STEAM SPRAY PRODUCERS.

- Fig. 1. LISTER'S, FOR CARBOLIC ACID, WITH BELLOWS (FIG. 5).
 Fig. 2. LISTER'S, STEAM, FOR CARBOLIC ACID, SINGLE JET.
 Fig. 3. MAW'S, STEAM, FOR CARBOLIC ACID, DOUBLE JETS.
 Fig. 4. RICHARDSON'S, FOR THE LOCAL APPLICATION OF ETHER, WITH BELLOWS (FIG. 5).

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).



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STEAM SPRAY PRODUCERS.

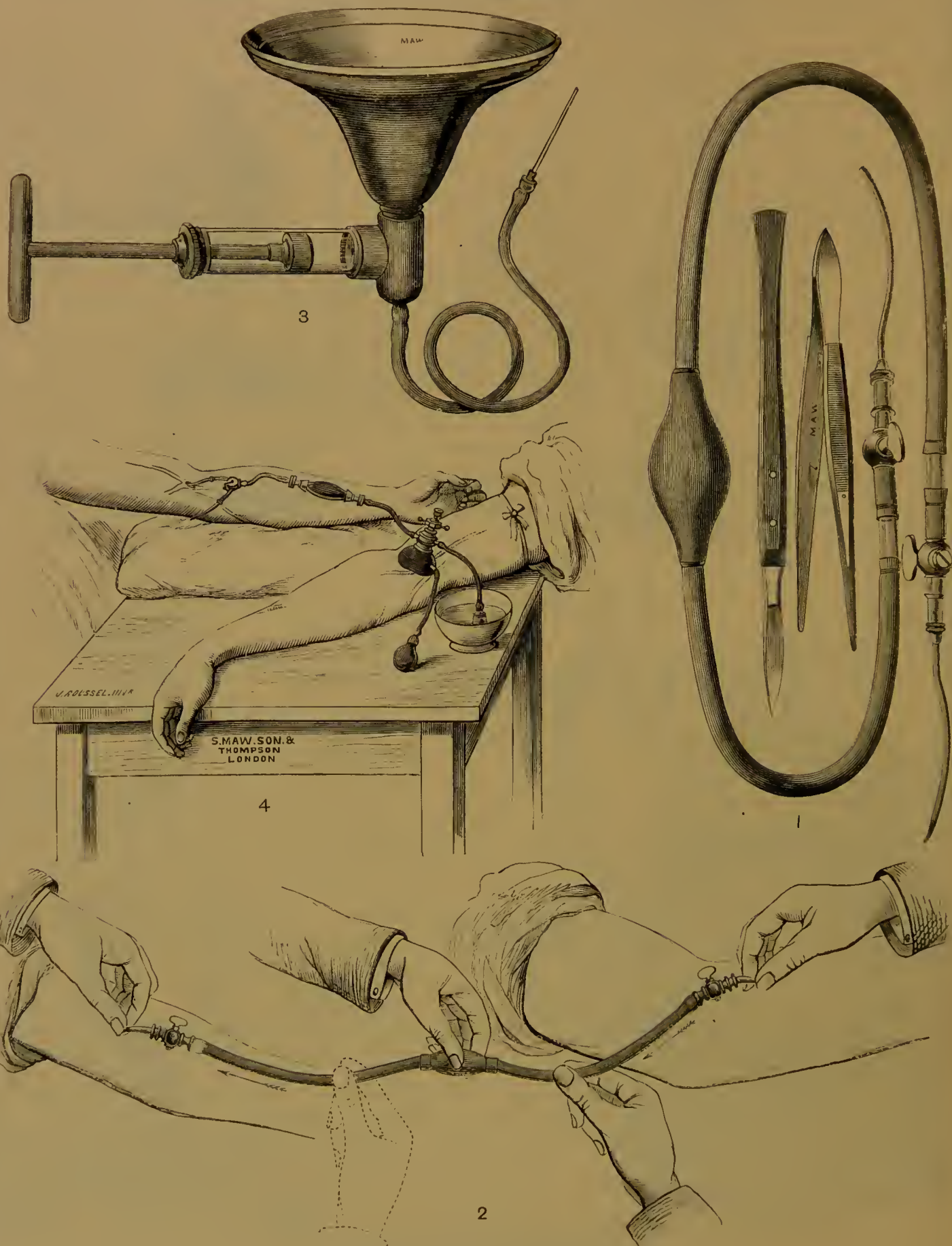
Fig. 6. COLIN'S.

Fig. 7. LEE'S.

Fig. 8. MAW'S.

Fig. 9. MAW'S, WITH DOUBLE JETS.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).



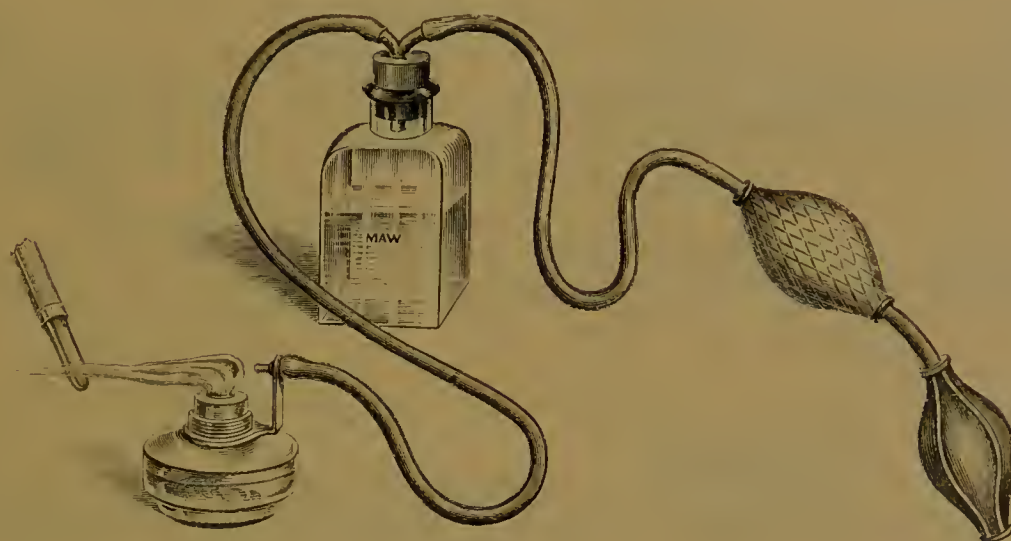
TRANSFUSION APPARATUS.

Fig. 1. AVELING'S.

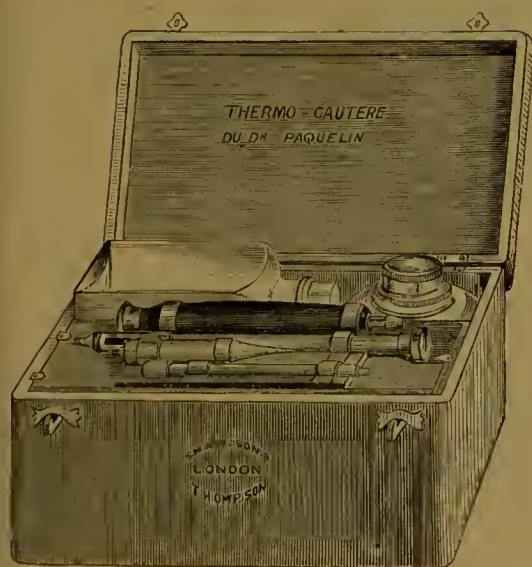
Fig. 2. AVELING'S, SHOWING MODE OF OPERATION.

Fig. 3. COLIN'S.
Fig. 4. ROUSSEL'S.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).



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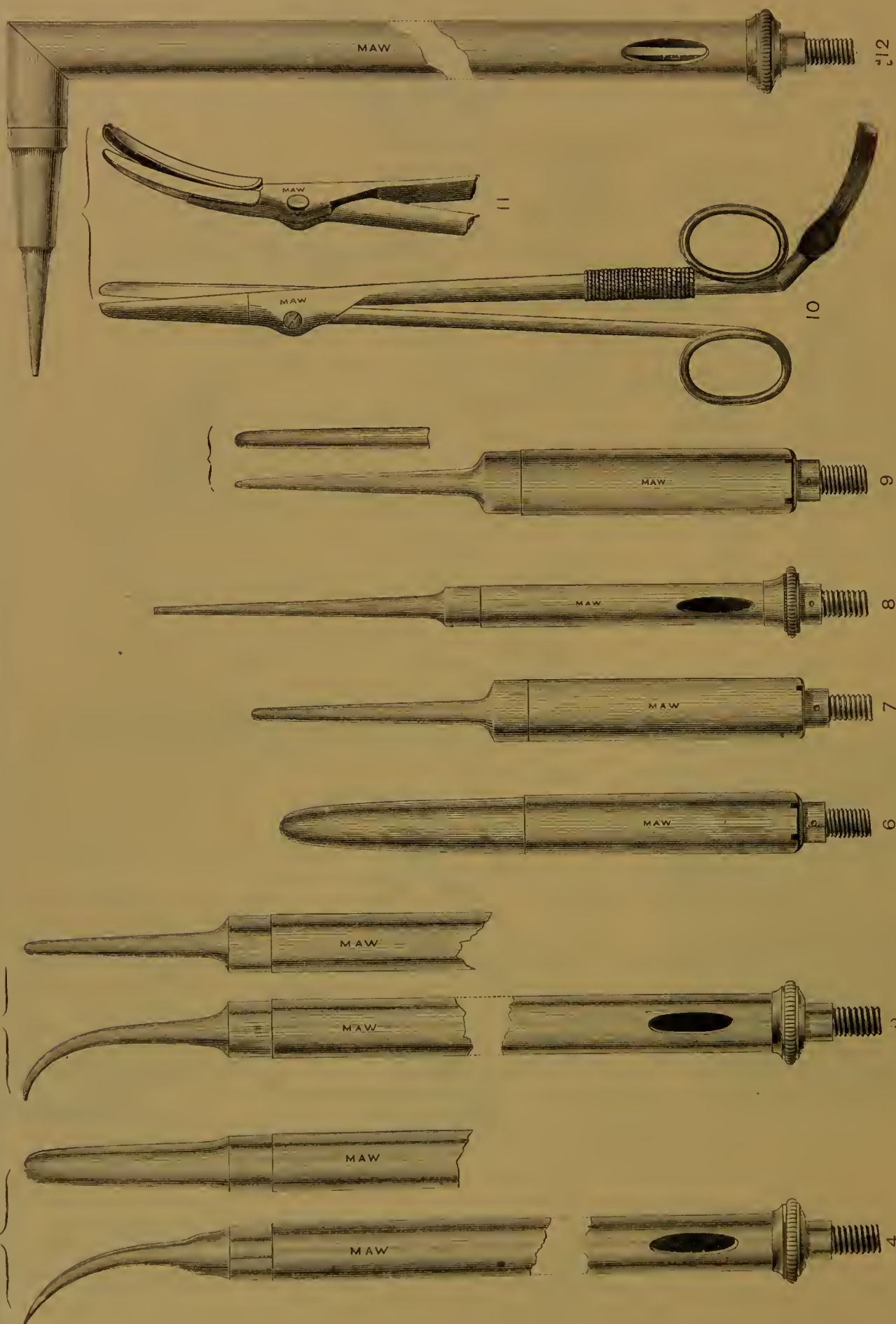
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- Fig. 1. PAQUELIN'S THERMO-CAUTERY APPARATUS, COMPLETE, WITH TWO POINTS.
 Fig. 2. MODE OF USING THE CAUTERIES.
 Fig. 3. MODE OF HEATING THE CAUTERIES.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).



ACCESSORIES FOR PAQUELIN'S THERMO-CAUTERY.

Fig. 4. CURVED, WITH BROAD TRANSVERSE DIAMETER, FOR AMPUTATION OF THE NECK OF THE UTERUS.
Fig. 5. CURVED, NARROW TRANSVERSE DIAMETER.

Fig. 6. CYLINDER, CONICAL POINT.
Fig. 7. FINE PUNCTURE.
Fig. 8. FINE LONG POINT, FOR TUMOURS.
Fig. 9. SMALL KNIFE, FOR DELICATE AND SUPERFICIAL OPERATIONS.

Fig. 10. SCISSORS, CURVED AND STRAIGHT, ONE BLADE OF WHICH IS STEEL, NICKEL-PLATED, AND IS NOT HEATED DURING THE OPERATION.
Fig. 11. ELBOW, CURVED AT RIGHT ANGLE, WITH FINE POINT.
Fig. 12.

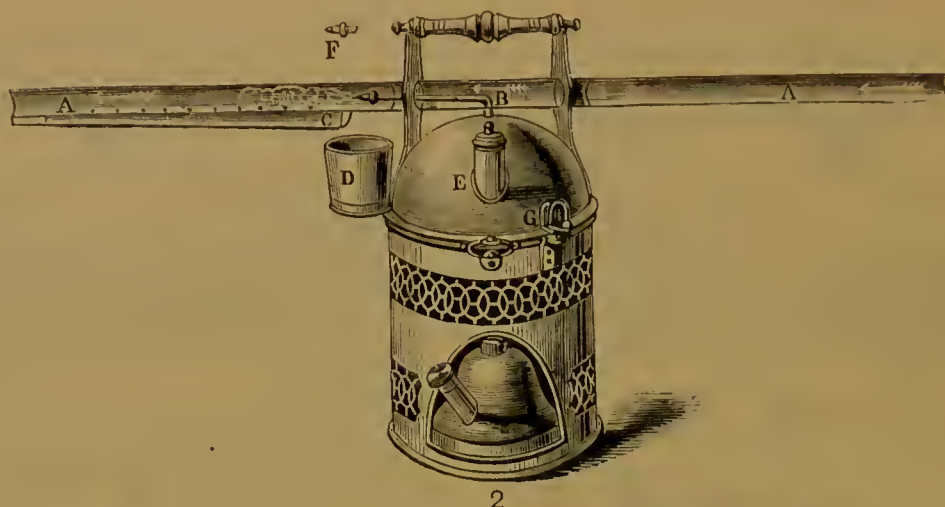
MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).



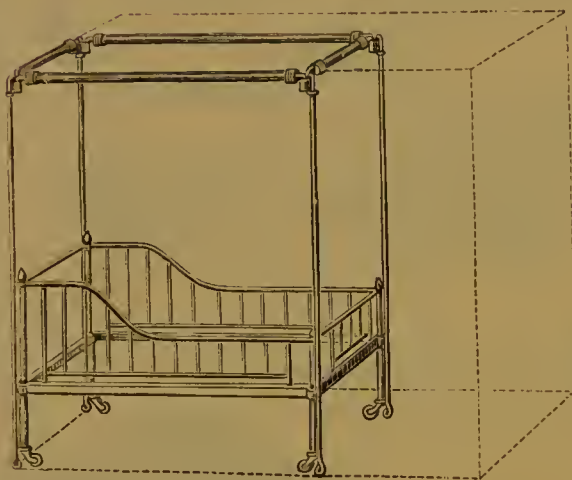
APPLIANCES FOR REFRACTORY PATIENTS.

- Fig. 1. STOUT CALF LEATHER ANKLETS, WRISTLETS, BODY-BAND, AND SCREW LOCKS, WITH LONG STRAPS.
 Fig. 2. STOUT CALF LEATHER ANKLETS, WRISTLETS, BODY-BAND, AND IMPROVED LOCKS, WITH LONG STRAPS.
 Fig. 3. STOUT CALF LEATHER BODY-BAND AND GLOVES, WITH SCREW LOCKS.
 Fig. 4. STRAIT-WAISTCOAT OF STOUT LINEN TICK OR CANVAS.
 Fig. 5. WIRE GAUZE GLOVE, WITH LEATHER FASTENINGS.

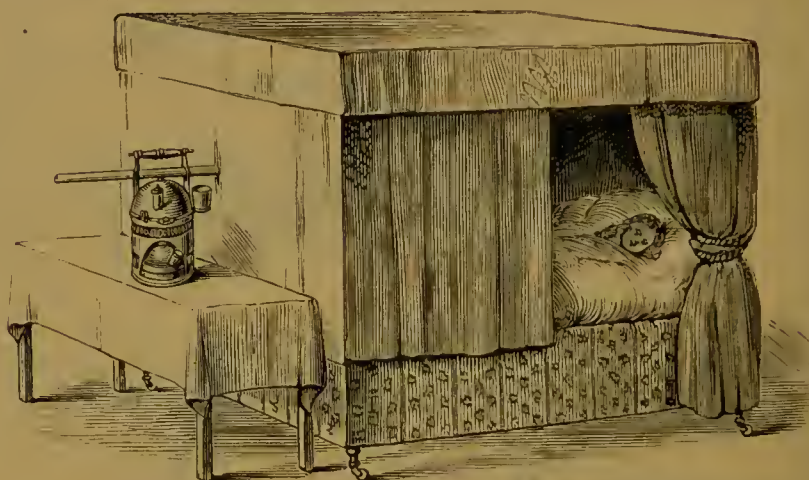
MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).



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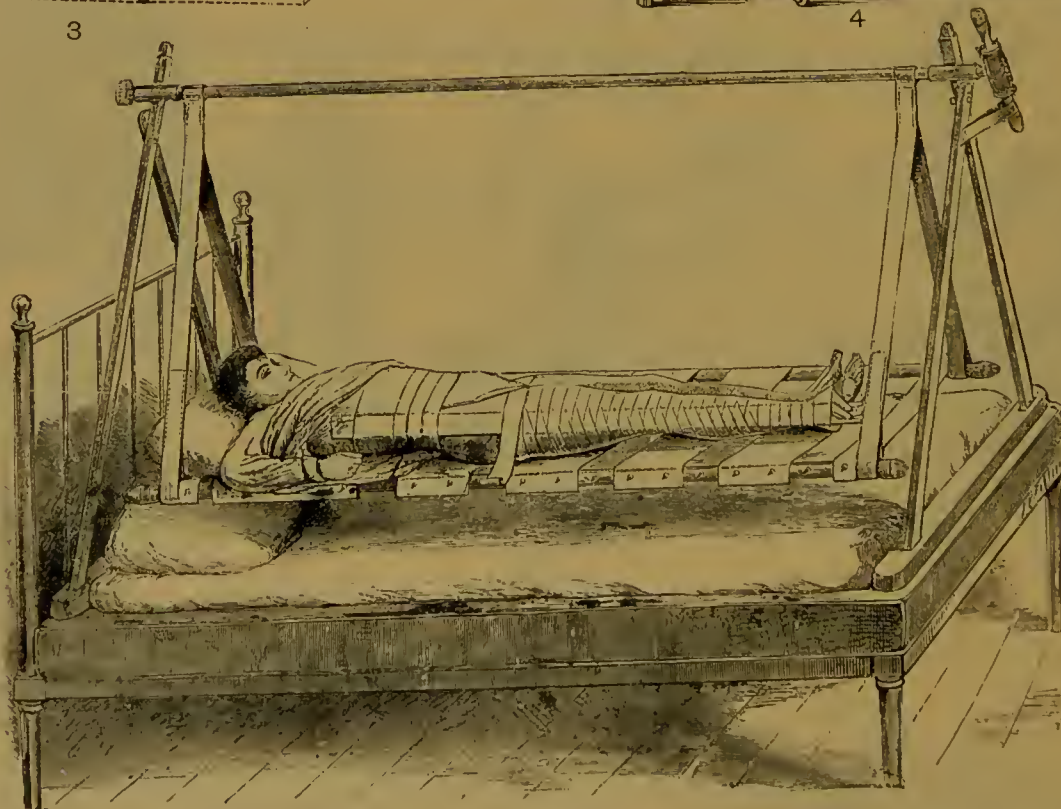


Fig. 1. IMPROVED BED LIFT, CHILD'S PATENT.
 Fig. 2. KETTLE FOR CROUP, ALLEN'S.
 Fig. 3. IRON FRAME PLACED OVER A COT TO
 FORM A TENT.

Fig. 4. IRON FRAME, COVERED, WITH CROUP
 KETTLE IN POSITION, THE PRO-
 JECTING TUBE PLACED THROUGH
 THE COVERING.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).

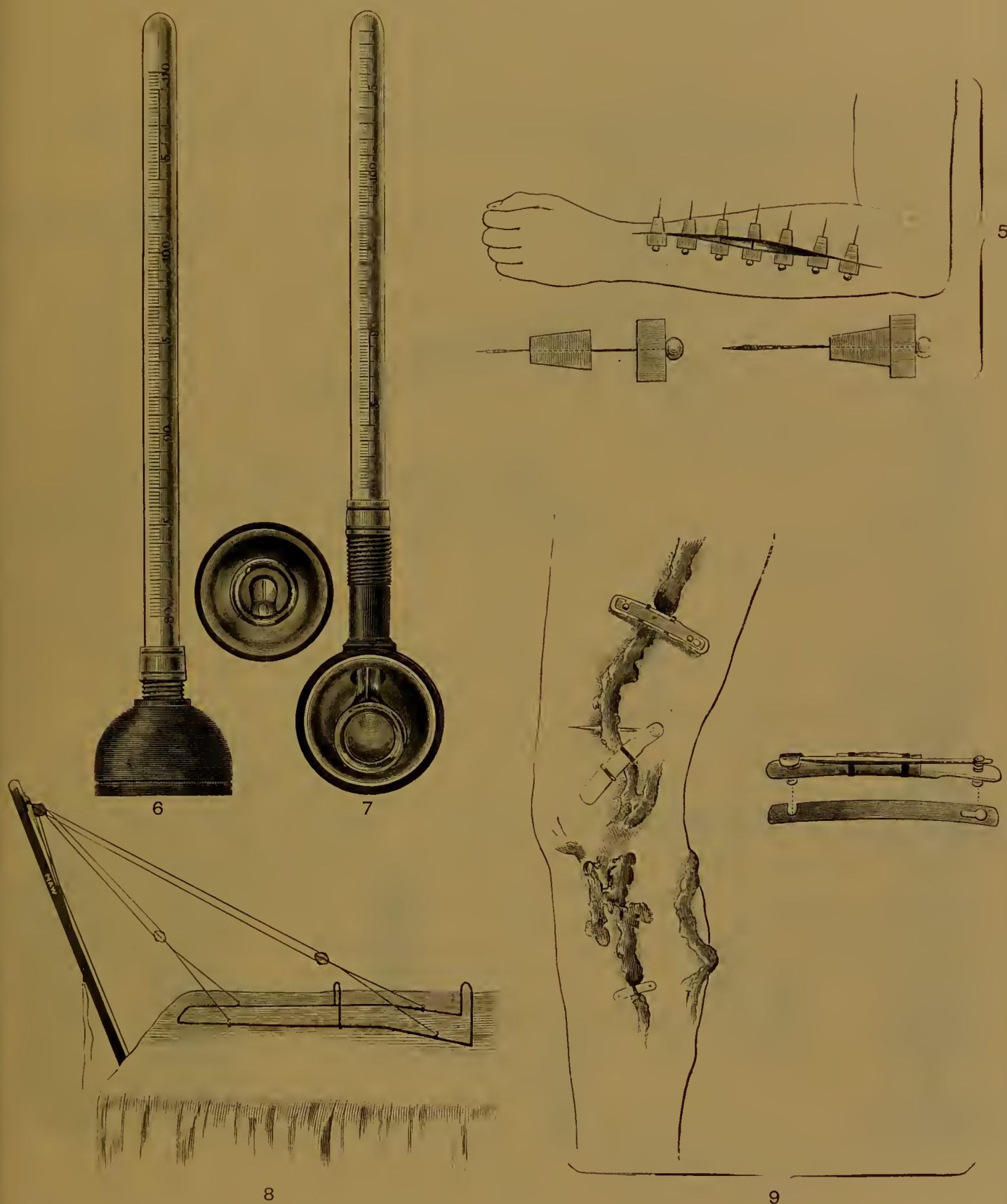


Fig. 5. GUARDED PIN, BAIRD DOUGLAS', FOR THE RELIEF AND CURE OF WOUNDS, THE OPERATIONS OF HARE LIP, CLEFT PALATE, VESICO-VAGINAL FISTULA, RUPTURED PERINEUM, NEVUS AND HÆMORRHOIDS.

Fig. 6. } SURFACE THERMOMETERS, DUPRÉ'S.
Fig. 7. }

Fig. 8. SUSPENSION APPARATUS.

Fig. 9. VEIN BROOCH AND TOURNIQUET, FOR THE CURE OF VARIX, VARICOCELE, GANGLIONS, ETC., J. R. A. DOUGLAS'.

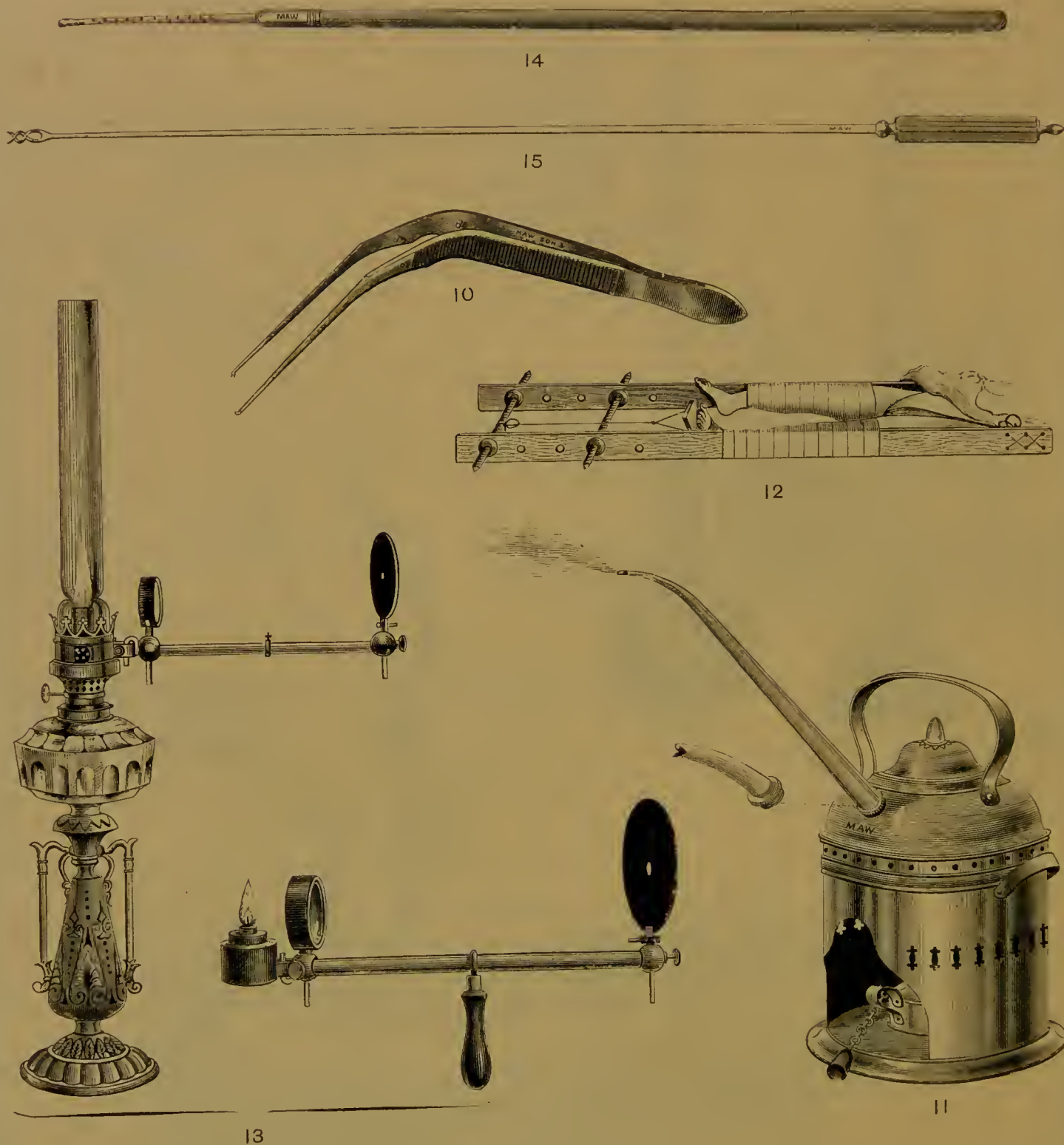
MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).

Fig. 10. ANGULAR EAR FORCEPS, ABBOTT'S.

Fig. 11. BRONCHITIS KETTLE, LLOYD'S.

Fig. 12. EXTENSION SPLINT, SIEVEKING'S.

Fig. 13. LARYNGOSCOPE, WITH PORTABLE LAMP, TOBOLD'S; THE MIRROR AND LENS ARE ADAPTABLE BY MEANS OF A CLAMP TO ANY FORM OF LAMP.

Fig. 14. PROBE FOR THE APPLICATION OF WOOL TO THE EAR.

Fig. 15. SCREW HOOK FOR THE APPLICATION OF WOOL TO THE UTERUS.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).

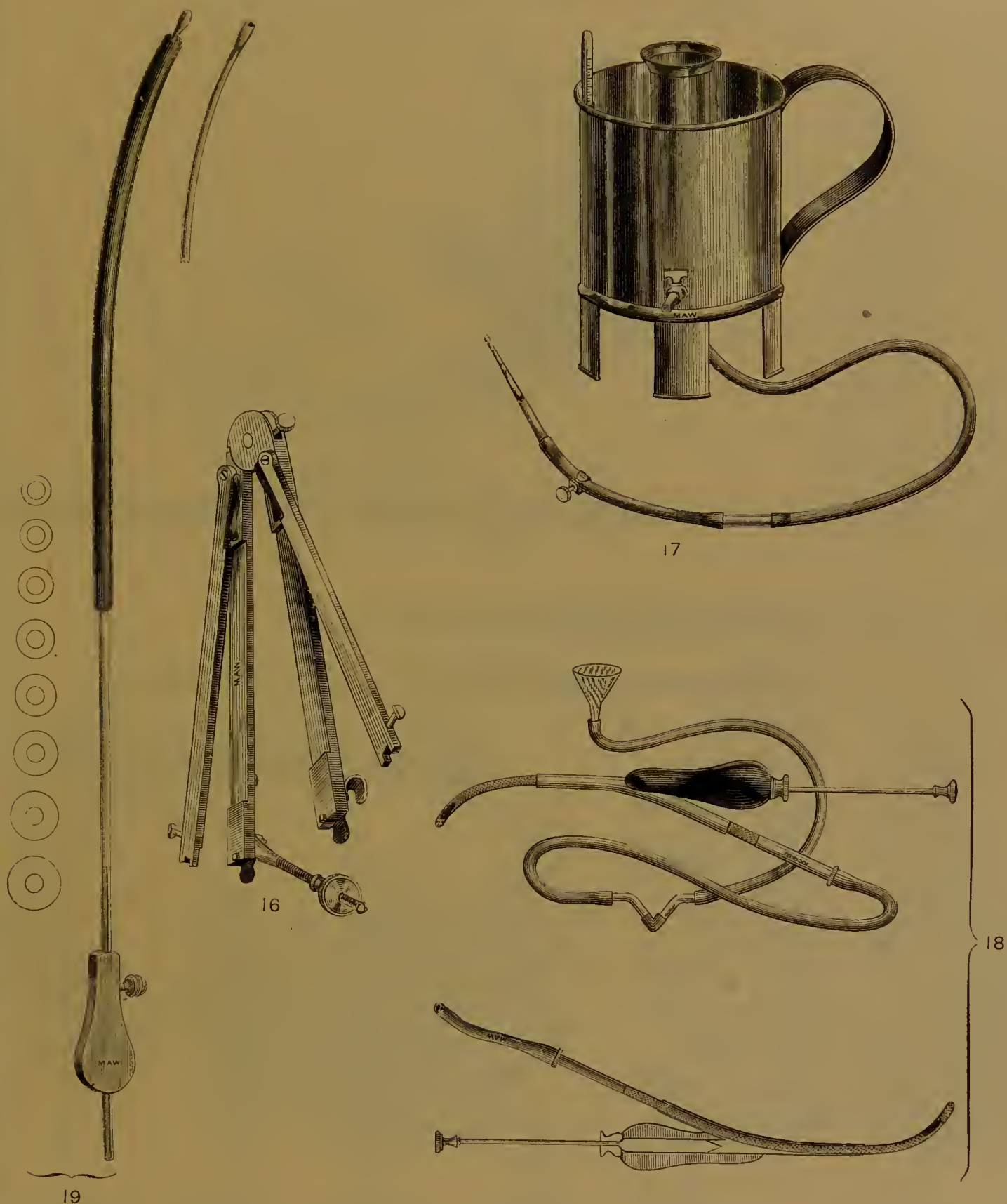
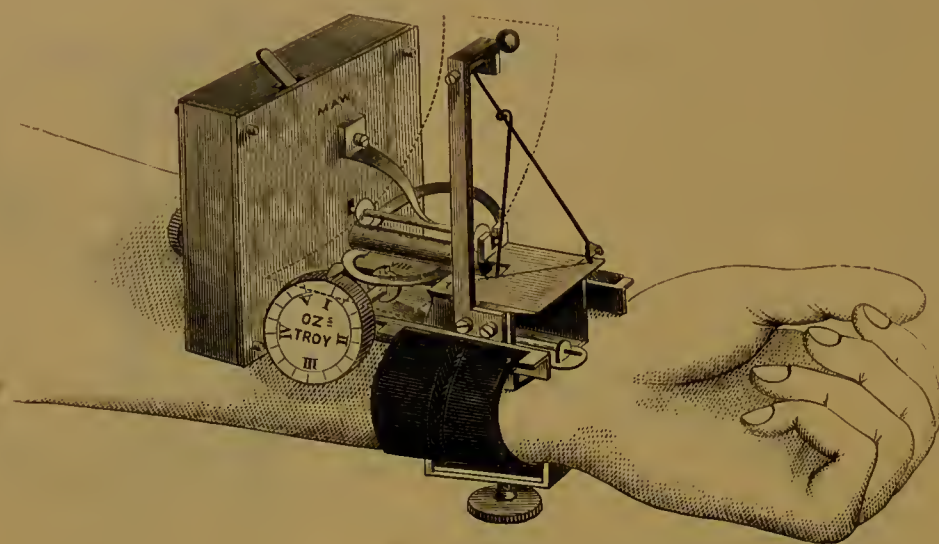


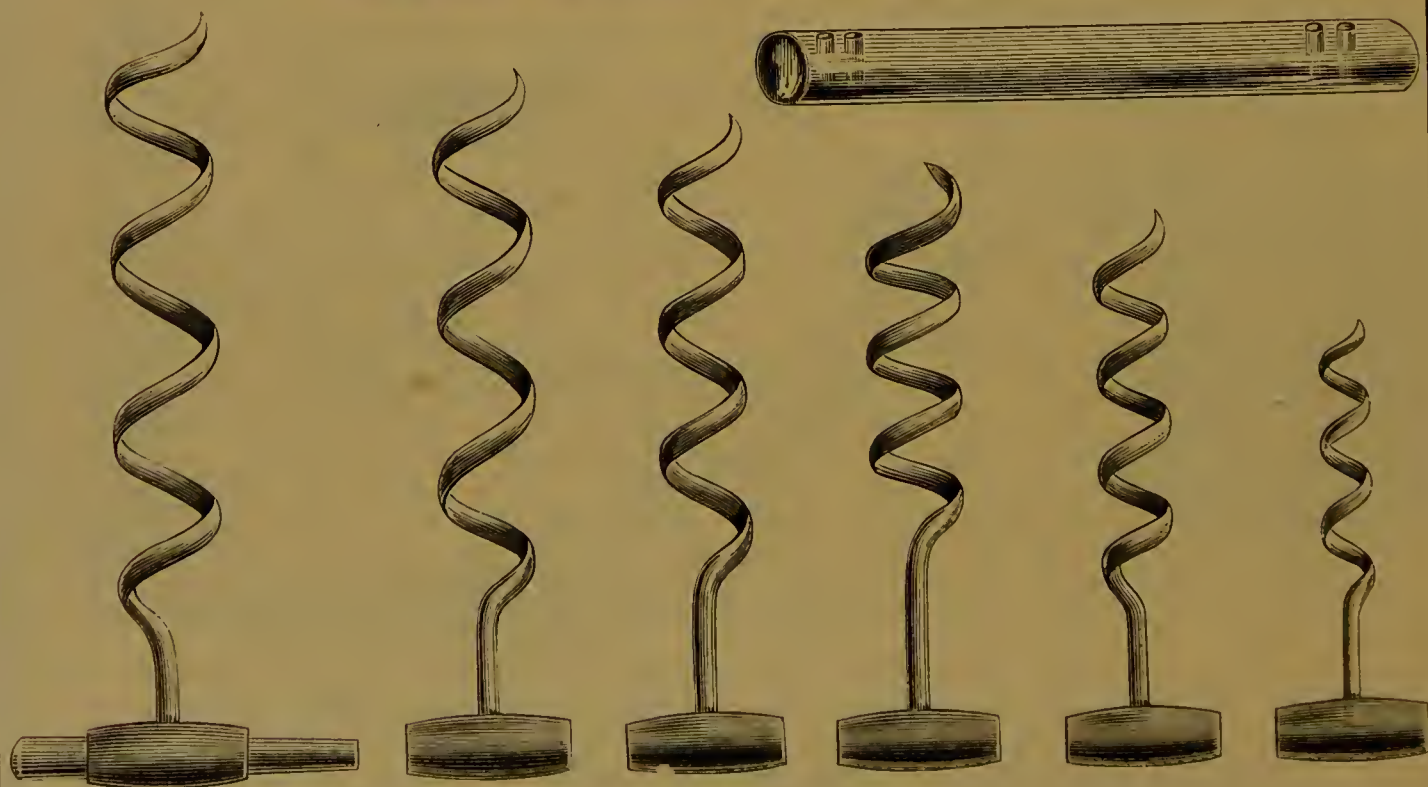
Fig. 16. CIRCUMCISION CLAMP, ASHER'S.
 Fig. 17. GRAVITATION TRANSFUSION APPARATUS, WHITESIDE HIME'S.
 Fig. 18. TROCAR FOR EVACUATION AND INJECTION, WHITESIDE HIME'S.
 Fig. 19. UTERUS PROBE AND SET OF EIGHT CANULAS FOR DILATING THE UTERUS, JAMES'.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).

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Fig. 20. COMPLETE SET OF INSTRUMENTS FOR THE RADICAL CURE OF HERNIA, SPANTON'S.

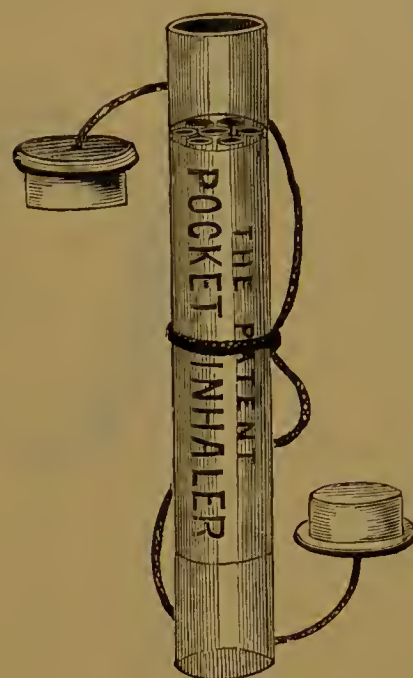
Fig. 21. SPHYGMOGRAPH, DUDGEON'S.

Fig. 22. SPIRAL NEEDLE, SPANTON'S.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).



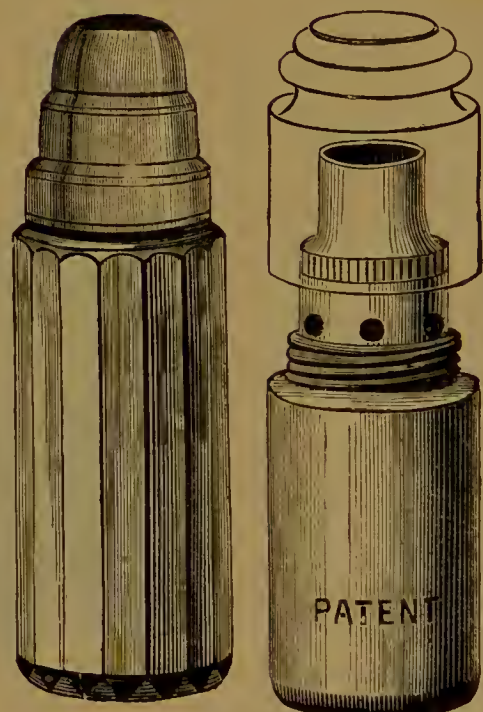
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- Fig. 1. ANTISEPTIC INHALER, COGHILL'S.
 Fig. 2. ANTISEPTIC INHALER, ROBERT'S'.
 Fig. 3. POCKET INHALER, TUBE FORM, AUSTIN'S.
 Fig. 4. POCKET INHALER, BOTTLE FORM, AUSTIN'S.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).

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Fig. 5. ANTISEPTIC INHALER, COGHILL'S IMPROVED.

Fig. 6. ANTISEPTIC INHALER, HUNTER MACKENZIE'S.

SECTION XIX.



VETERINARY SURGEONS' INSTRUMENTS.

CONTENTS OF SECTION XIX.

ARTERY FORCEPS.	EMBRYOTOMY KNIVES.	QUITTOR SYRINGES.
BALLING INSTRUMENTS.	ENEMA APPARATUS.	RASPS.
BISTOURIES.	ENEMA SYRINGES.	RING NOSE PUNCH, FOR BULLS.
BLOOD-STICK.	EXPLORING NEEDLE.	ROWELLING BISTOURY.
BRONCHOTOMY TUBES.	FIRING IRONS.	SCALPEL, WITH LAMB CLAMS.
CASTRATING KNIVES.	FLEAMS.	SETON NEEDLES.
CATHETERS.	FOAL HOOKS.	SHEEP MARKER.
CAUSTIC CASES.	GAGS.	SINGEING LAMPS.
CLAMS.	HOBBLES.	SPAYING KNIVES.
CLINICAL THERMOMETERS.	HOOK AND HAMMER.	STETHOSCOPES.
CLIPPING MACHINE.	HOOK AND TENACULUM.	STOMACH PUMP.
CLIPPING SCISSORS.	LANCET, ABSCESS.	STURDY INSTRUMENTS.
CUPPING PUMP.	LANCET, BLEEDING.	SYRINGES FOR SUBCUTANEOUS INJECTIONS.
CUTTING HOOK.	MANE PULLER.	SWEAT SCRAPERS.
DIRECTORS.	MILKING TUBES.	THOROUGH PIN TRUSS.
DISSECTION INSTRUMENTS.	NEEDLES.	TOOTH INSTRUMENTS.
DOCKING KNIVES.	NICKING KNIFE.	TOOTH KEY.
DRAWING KNIVES.	PROBANGS.	TROCAR.
DRESSING CASES.	PROBE.	

For ASPIRATORS, see pages 315 to 318, Section XVIII.

For POST-MORTEM INSTRUMENTS, see pages 379 to 383, Section XVII.

ARTERY FORCEPS, EMBRYOTOMY KNIFE, AND LANCET.

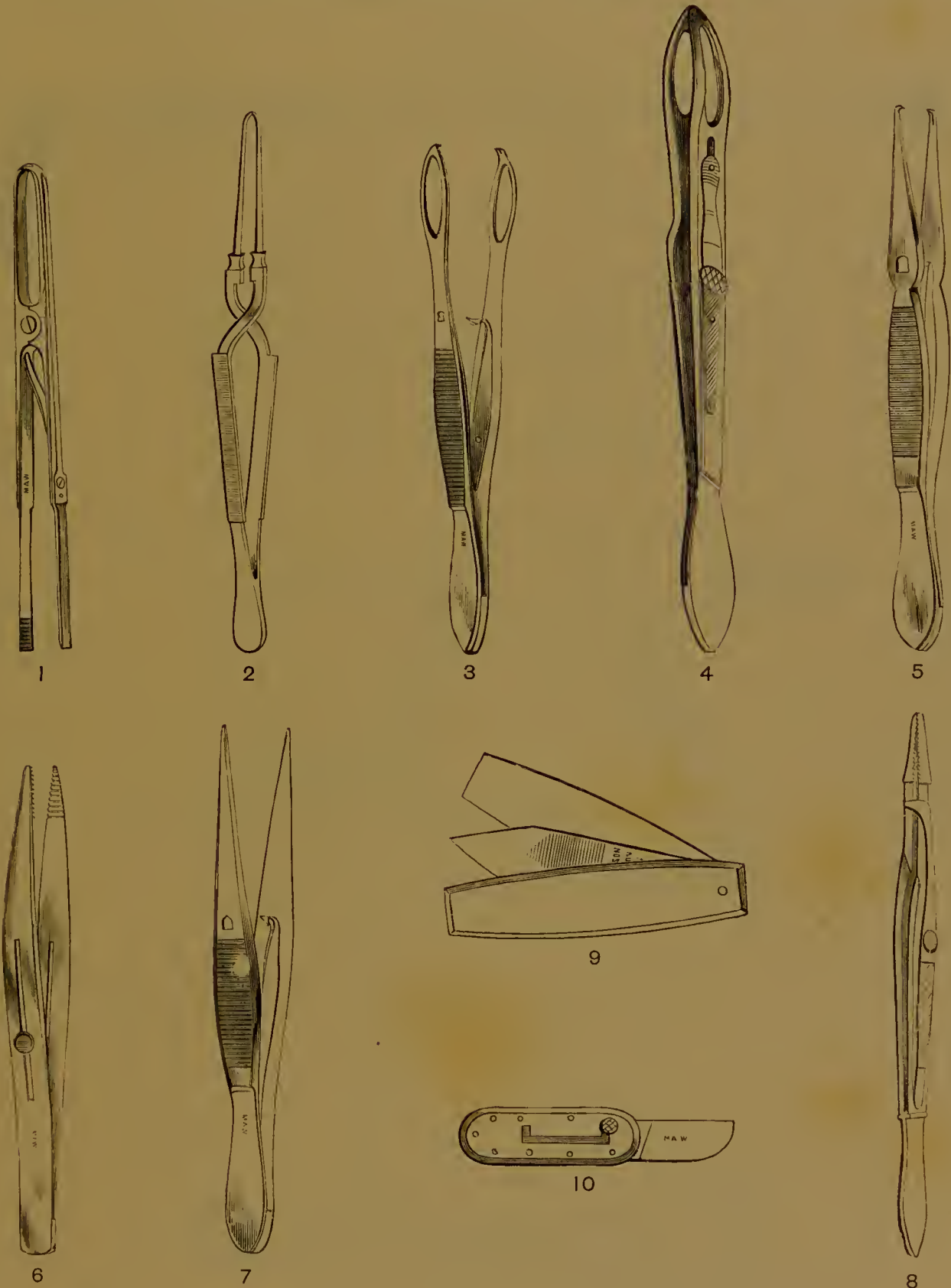


Fig. 1. ASSALINI'S.
Fig. 2. CROSS-ACTION.
Fig. 3. FENESTRATED.
Fig. 4. FENESTRATED, WITH SLIDE.
Fig. 5. LISTON'S.

Fig. 6. SLIDING.
Fig. 7. SYME'S.
Fig. 8. TORSION.
Fig. 9. EMBRYOTOMY KNIFE, WITH SLIDE.
Fig. 10. LANCET, ABSCESS.

BALLING INSTRUMENTS.

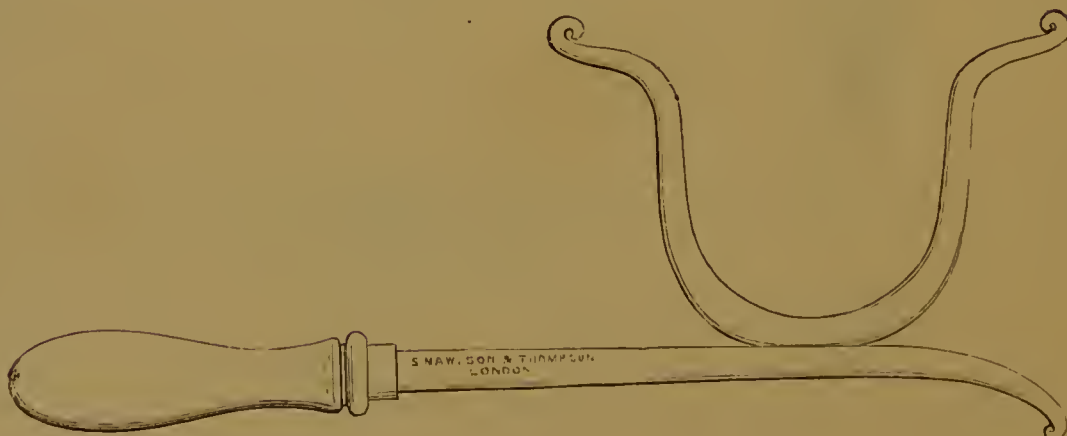
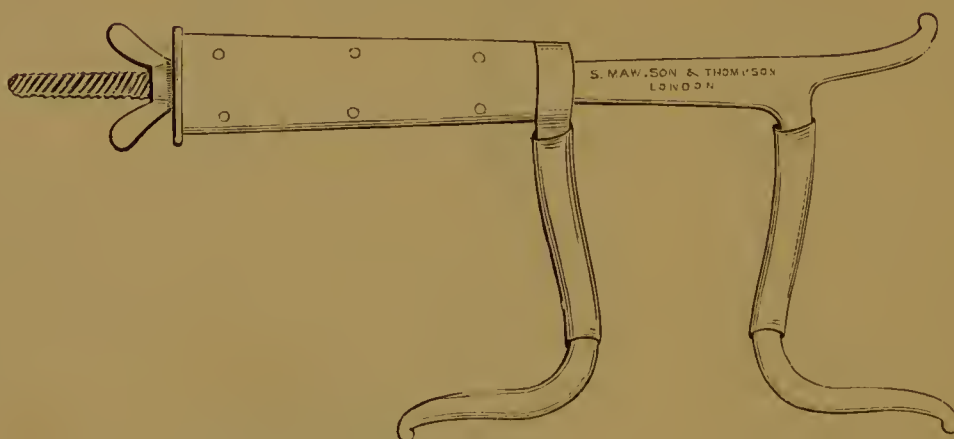
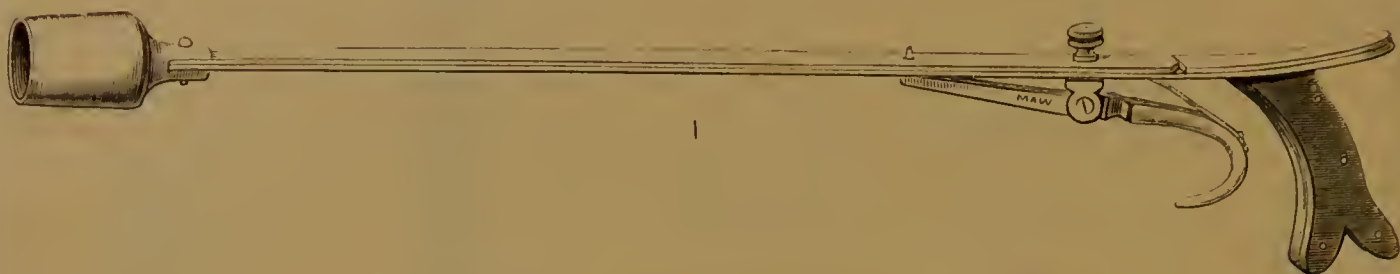


Fig. 1. GOODWIN'S.

Fig. 2. MAW'S.

Fig. 3. VARNELL'S.

Fig. 4. PLAIN.

BISTOURIES, ETC.

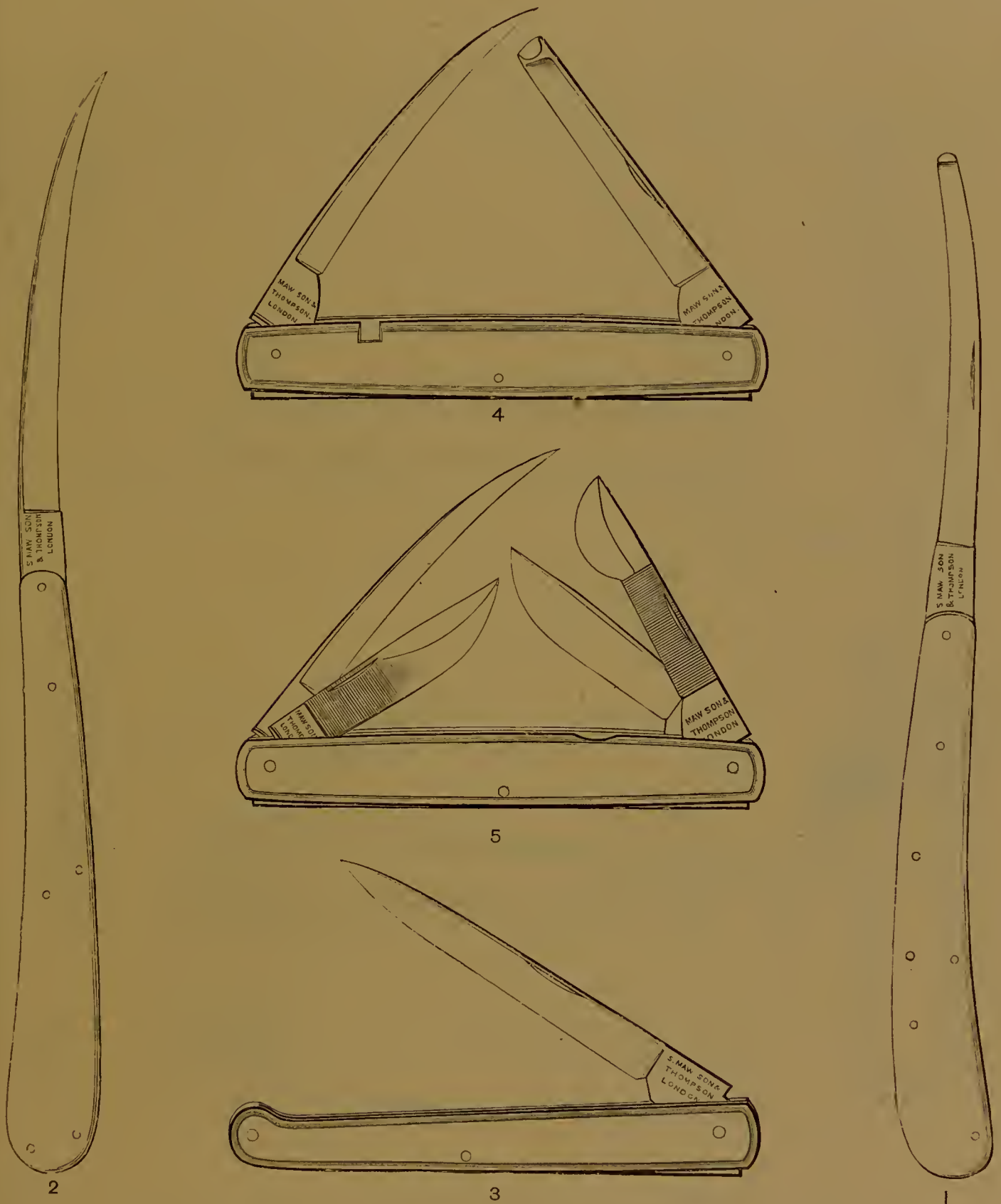


Fig. 1. BISTOURY, BLUNT, CURVED.
 Fig. 2. BISTOURY, SHARP, CURVED.
 Fig. 3. BISTOURY, SHARP, STRAIGHT.

Fig. 4. BISTOURY AND DRAWING KNIFE.
 Fig. 5. BISTOURY, CASTRATING, ABSCESS, AND
 NICKING KNIVES.

BISTOURIES, BLEEDING LANCET, BLOOD-STICK, SCALPEL WITH CLAMS.

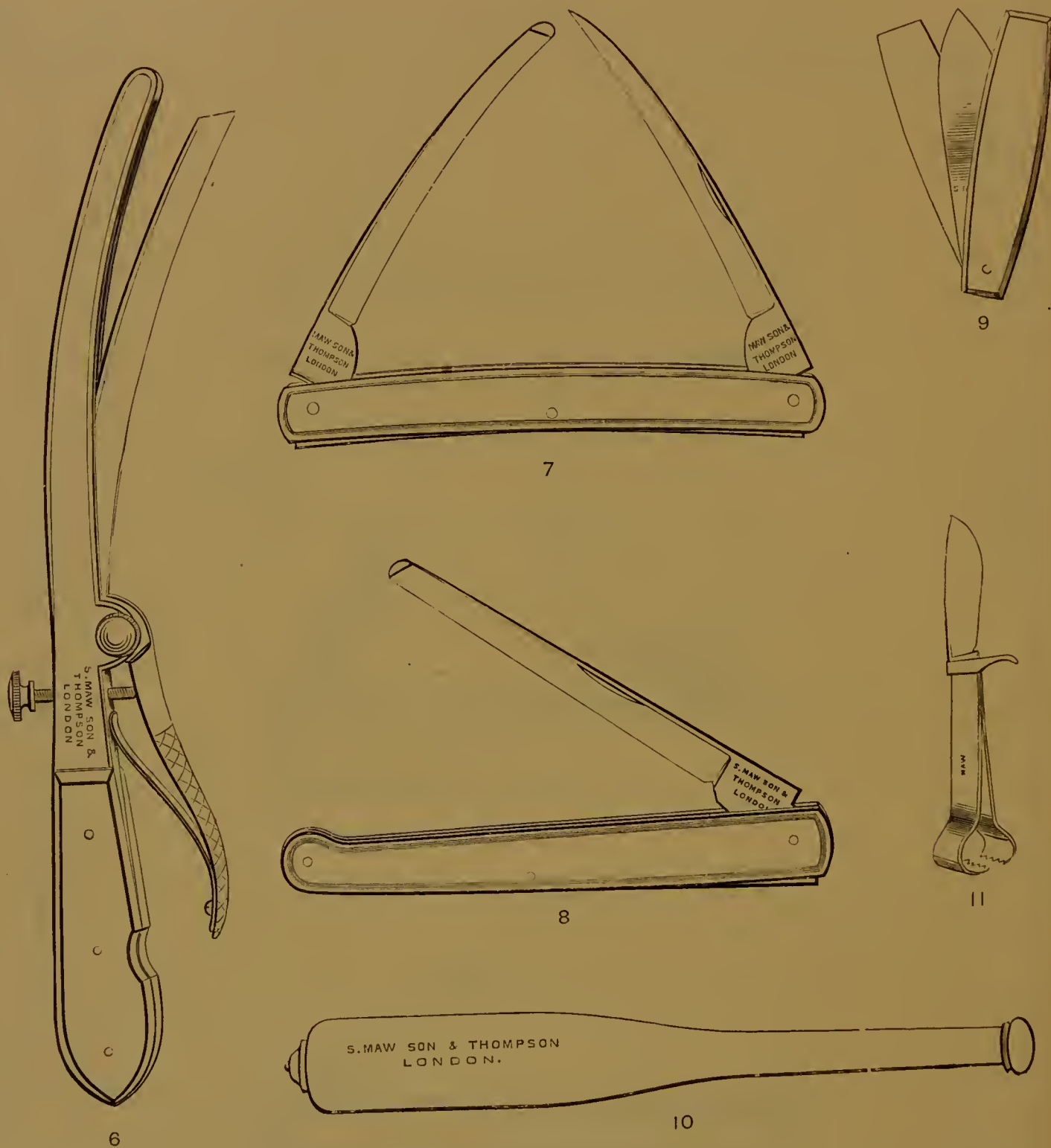


Fig. 6. BISTOURY, CONCEALED BLADE.
 Fig. 7. BISTOURY, DOUBLE.
 Fig. 8. BISTOURY, BLUNT, STRAIGHT.

Fig. 9. BLEEDING LANCET.
 Fig. 10. BLOOD-STICK.
 Fig. 11. SCALPEL, WITH LAMB CLAMS.

BRONCHOTOMY TUBES, CLAMS, AND SHEEP MARKER.

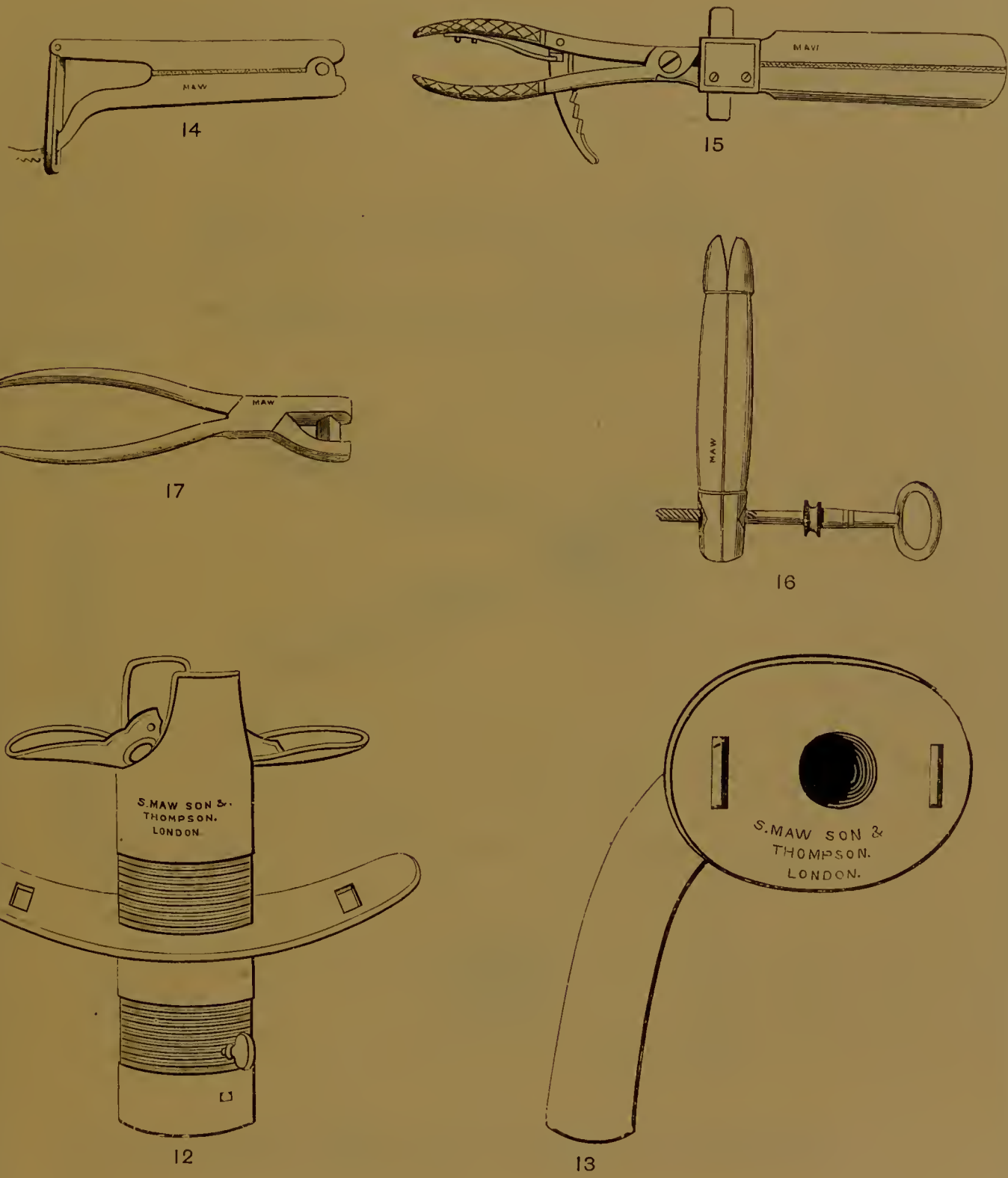


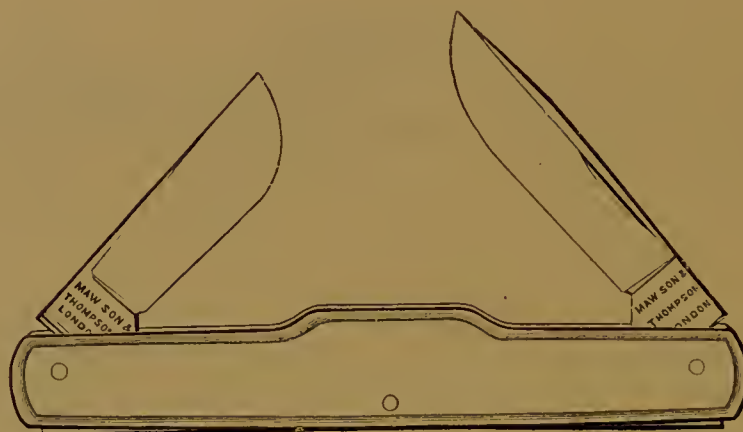
Fig. 12. BRONCHOTOMY TUBE.
Fig. 13. BRONCHOTOMY TUBE (Three Sizes).
Fig. 14. CLAMS FOR CAUSTIC.

Fig. 15. CLAMS, WITH PARALLEL BLADES.
Fig. 16. CLAMS FOR PIGS.
Fig. 17. SHEEP MARKER.

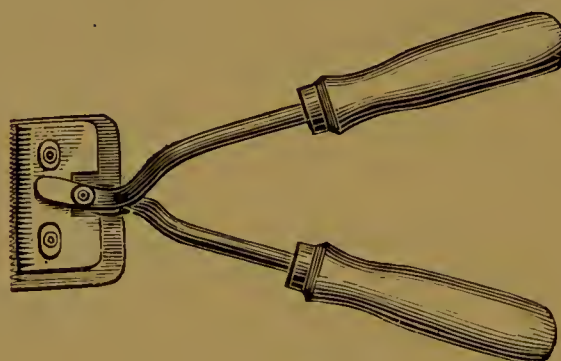
CASTRATING CLAMS AND KNIVES, CATHETERS, AND CLIPPING MACHINE.



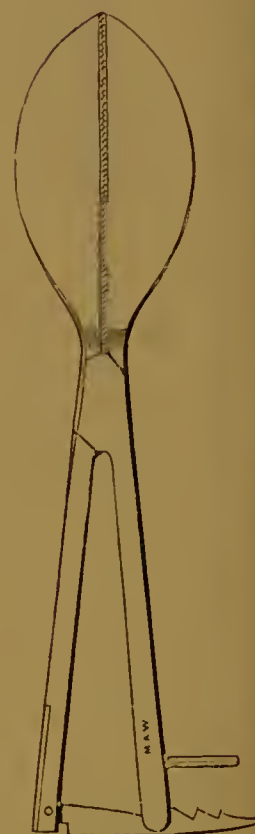
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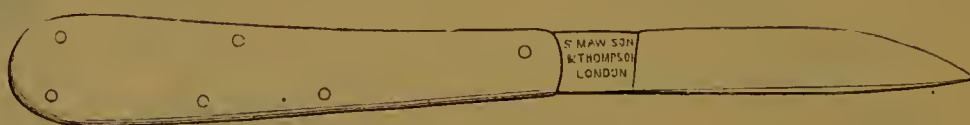
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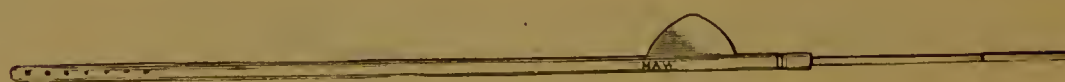
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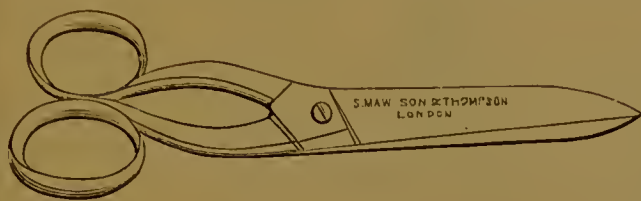


23

Fig. 18. } CASTRATING CLAMS.
Fig. 19. }
Fig. 20. CASTRATING KNIFE.
Fig. 21. CASTRATING KNIFE, WITH SCALPEL.

Fig. 22. CATHETER FOR HORSES.
Fig. 23. CATHETER FOR MARES.
Fig. 24. CLIPPING MACHINE.

CLINICAL THERMOMETERS, CLIPPING SCISSORS, AND
CUPPING APPARATUS.



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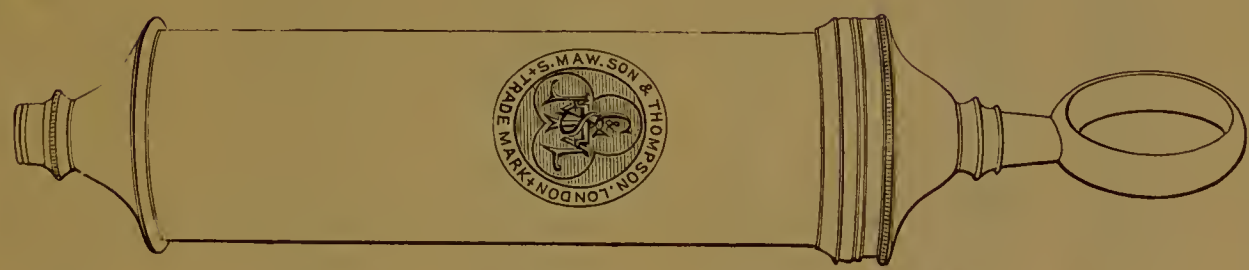
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Fig. 25. CLINICAL THERMOMETER, 6 in.
Fig. 26. CLINICAL THERMOMETER, 8 in.
Fig. 27. CLIPPING SCISSORS, STRAIGHT BLADES AND BENT SHANKS.
Fig. 28. CLIPPING SCISSORS, BENT BLADES AND SHANKS, LEATHER-COVERED HANDLES.
Figs. 29 }
to 32. } CUPPING PUMP, WITH METAL CUPS.

GOWING'S TOOTH INSTRUMENTS.

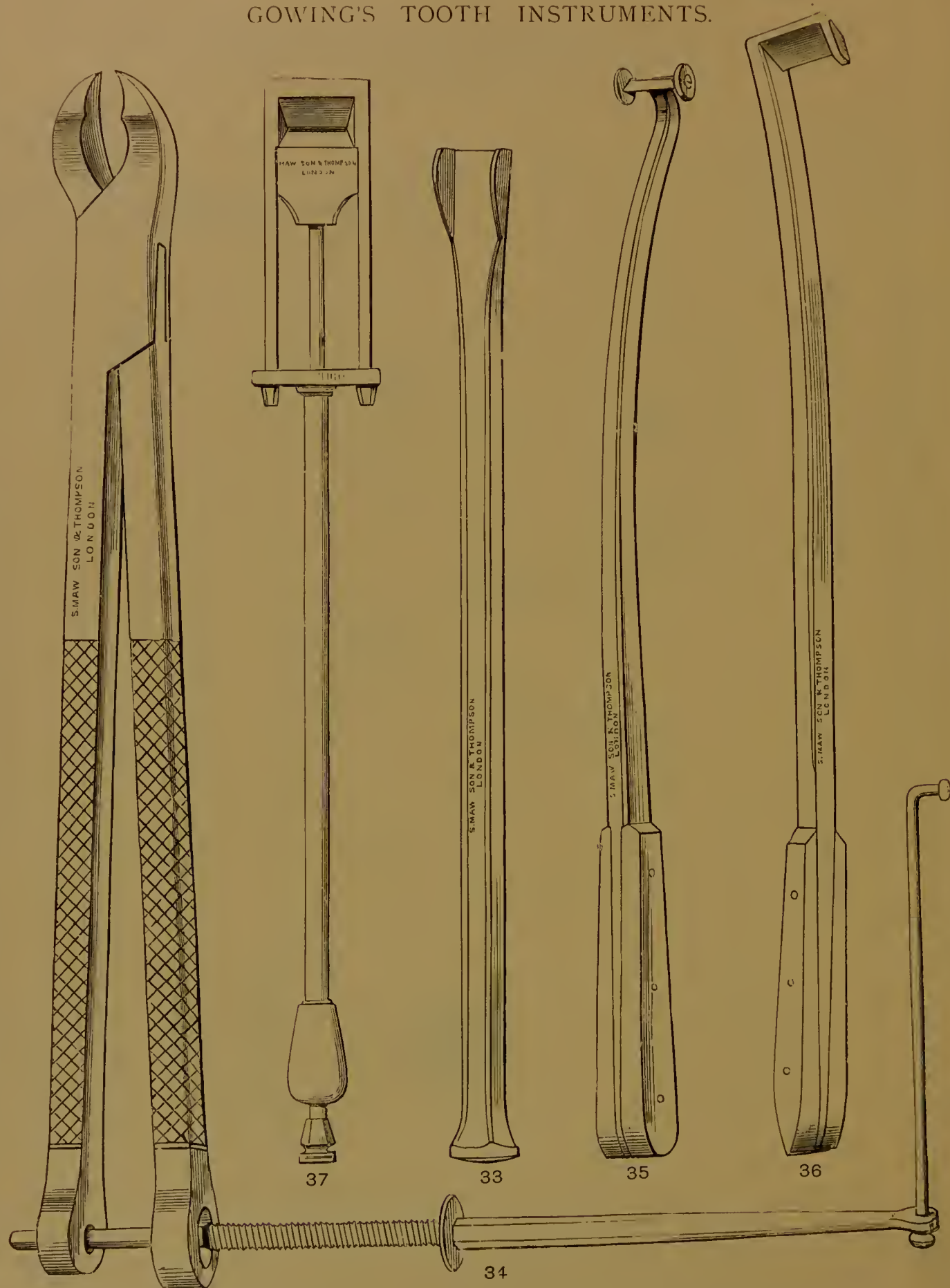


Fig. 33. GUARDED CHISEL.
 Fig. 34. HORSE FORCEPS.
 Fig. 35. LATERAL REPELLER.

Fig. 36. POSTERIOR REPELLER.
 Fig. 37. SLIDE CHISEL.

DISSECTION INSTRUMENTS, DOCKING AND DRAWING KNIVES.

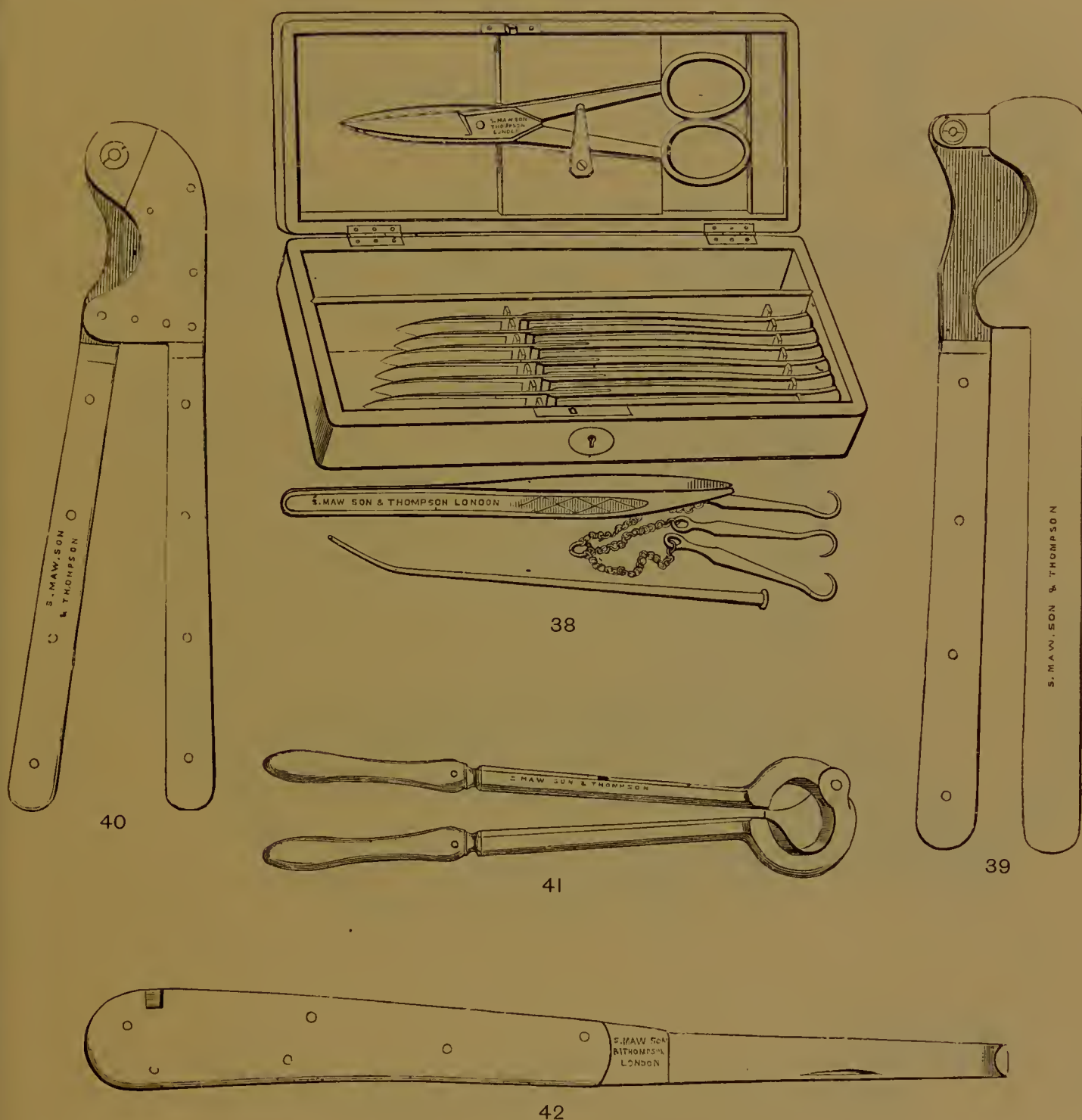


Fig. 38. DISSECTION CASE.—CONTAINS: BLOW-PIPE, CHAIN HOOKS, FORCEPS, NEEDLES, SIX SCALPELS, SCISSORS.

Fig. 39. DOCKING KNIFE, MOUNTED IN BEECH.

Fig. 40. DOCKING KNIFE, MOUNTED IN ROSE-WOOD.

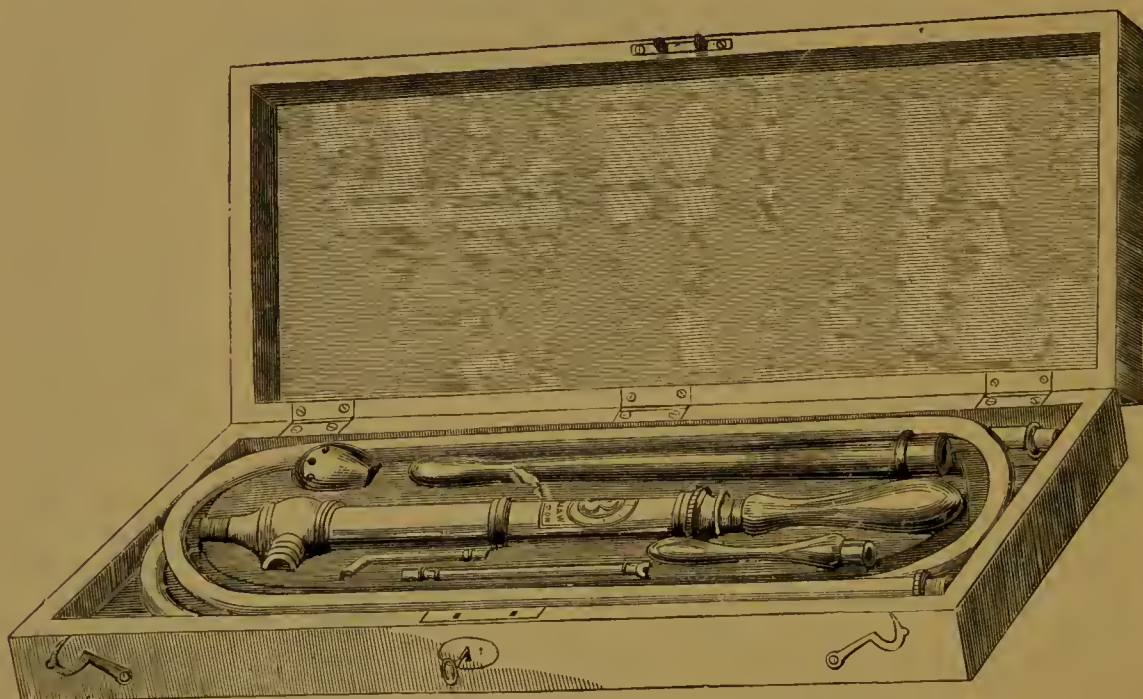
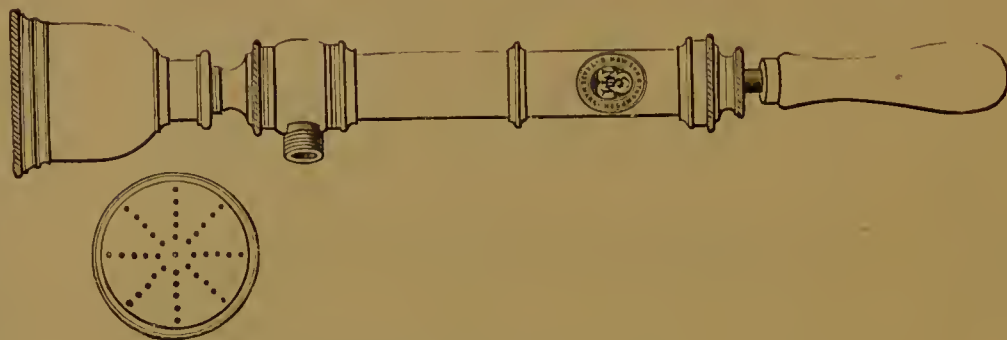
Fig. 41. DOCKING KNIFE, PORTABLE, THE HANDLES TO UNSCREW.

Fig. 42. DRAWING KNIFE.

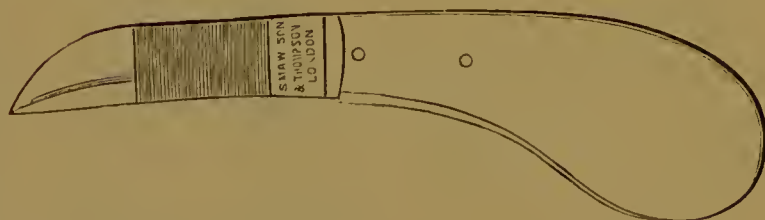
DRAWING KNIFE, EMBRYOTOMY KNIVES, ENEMA APPARATUS
AND STOMACH PUMP.



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Fig. 43. DRAWING KNIFE IN BUCK-HORN HANDLE
(Sorted Sizes).

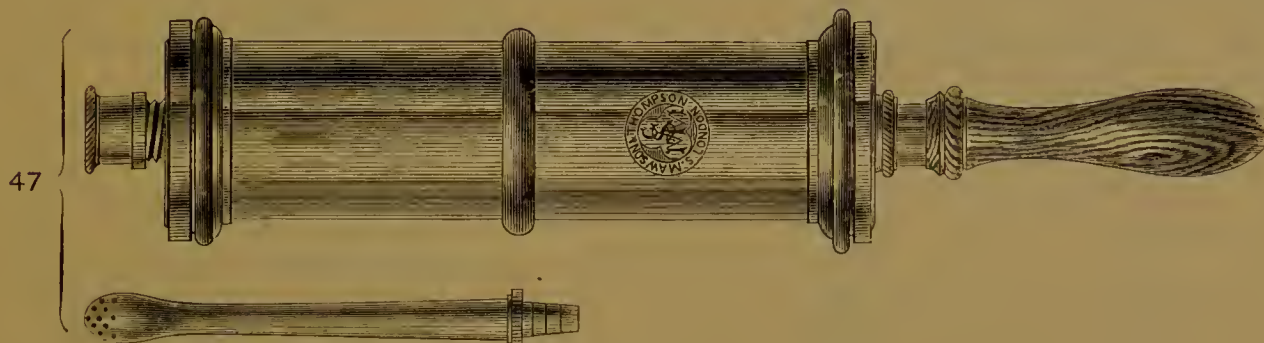
Fig. 44. EMBRYOTOMY KNIFE.

Fig. 45. EMBRYOTOMY KNIFE.
Fig. 46. ENEMA APPARATUS AND STOMACH PUMP,
WITH TOBACCO FUMIGATOR.

ENEMA SYRINGES.



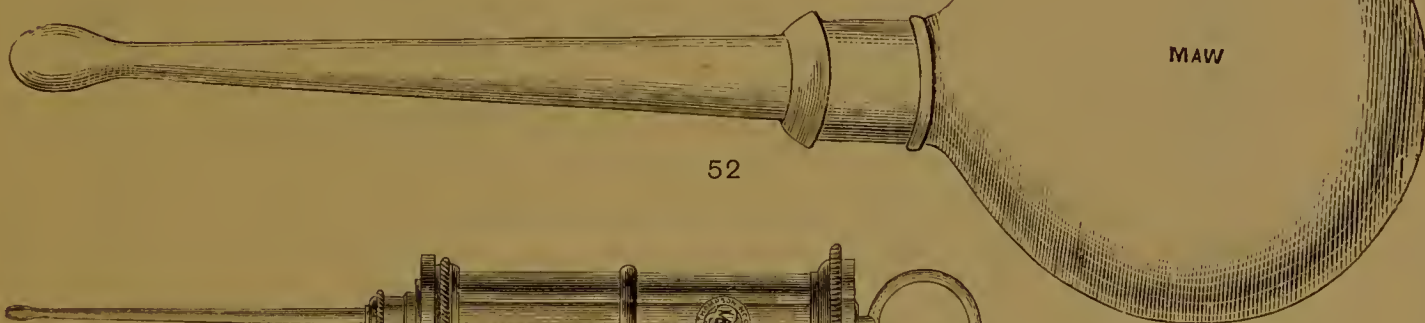
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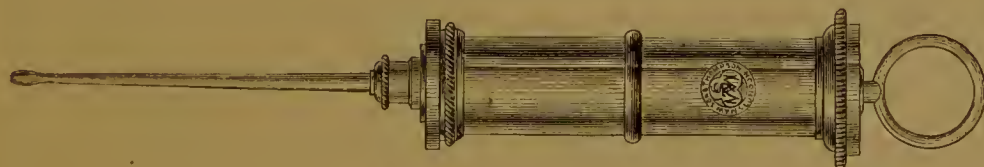
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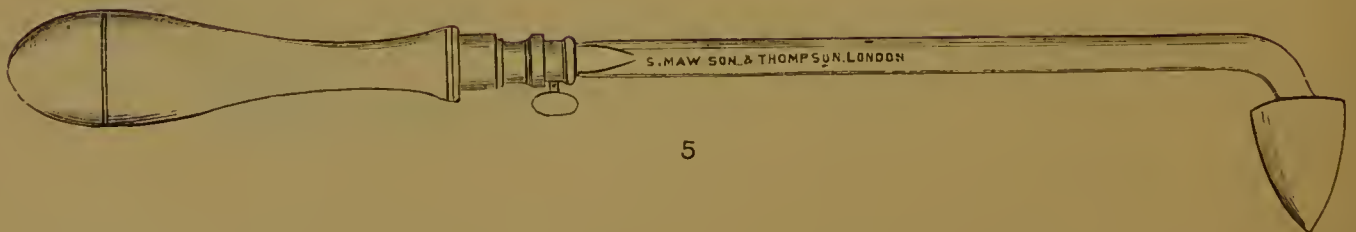
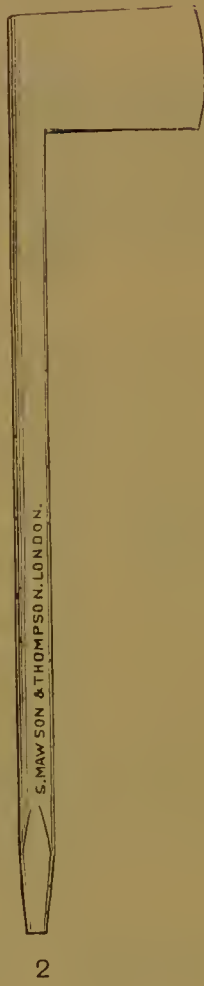
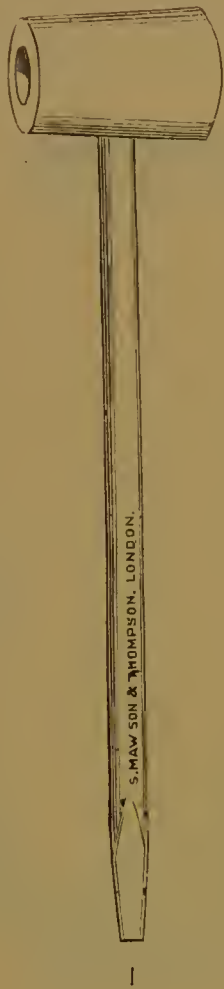


51

- Fig. 47. ENEMA SYRINGE, PEWTER.
 Fig. 48. ENEMA SYRINGE, PEWTER, FOR DOGS AND SHEEP.
 Fig. 49. ENEMA SYRINGE, PEWTER, FINE LONG PIPE.

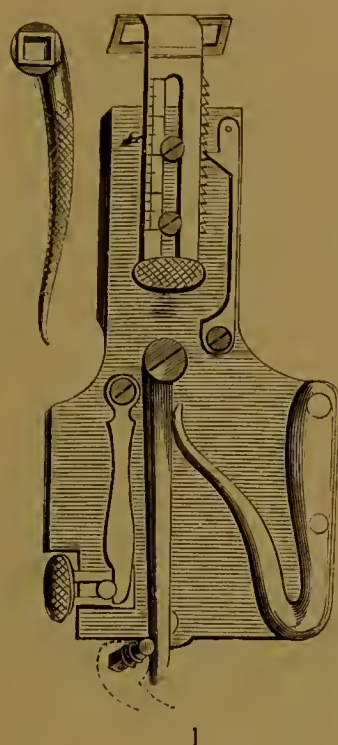
- Fig. 50. ENEMA SYRINGE, WITH ELASTIC PIPE, FOR DOGS AND SHEEP.
 Fig. 51. PIPE, FOR BLADDERS.
 Fig. 52. PIPE AND INDIA-RUBBER BAG.

FIRING IRONS.

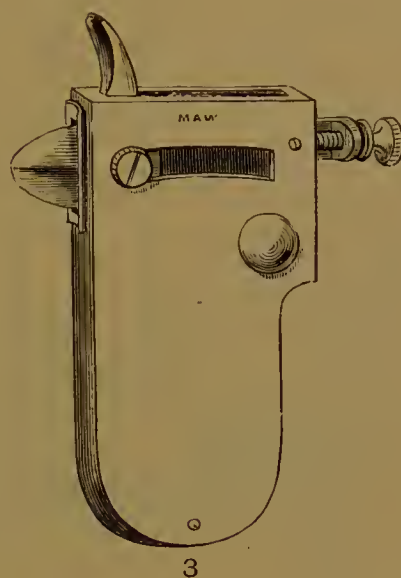


Figs. 1 to 5. THE SET, FITTING ONE SOCKET HANDLE.

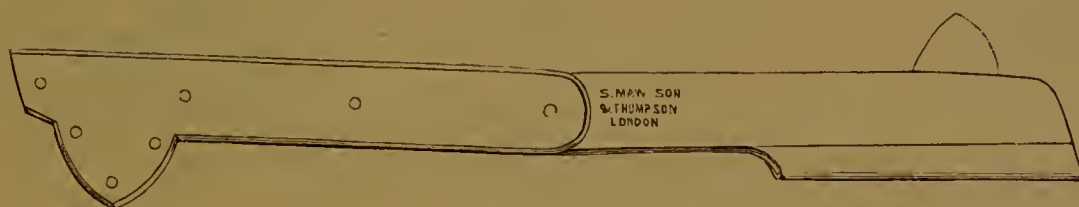
FLEAMS.



1



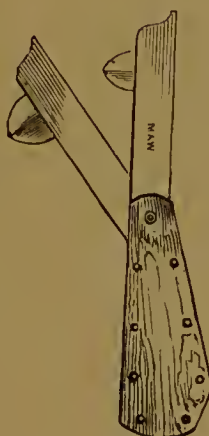
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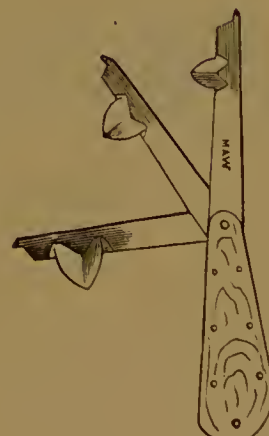
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Fig. 1. DOUBLE-ACTION, STEEL.
Fig. 2. PATENT BACK IN BUFFALO.
Fig. 3. SINGLE-ACTION, BRASS.

Fig. 4. SINGLE BLADE.
Fig. 5. TWO BLADES.
Fig. 6. THREE BLADES.

FOAL HOOKS AND GAGS.

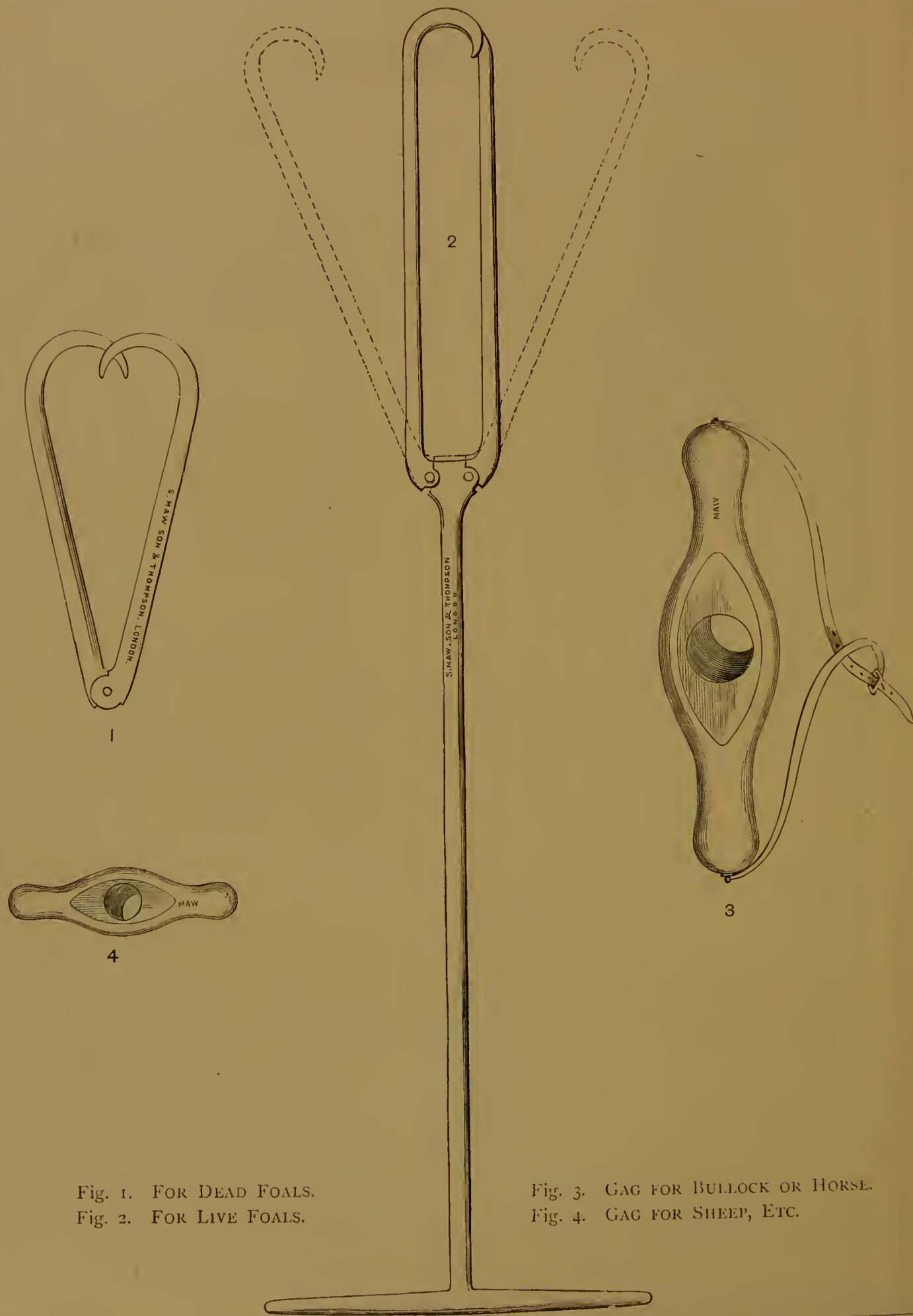


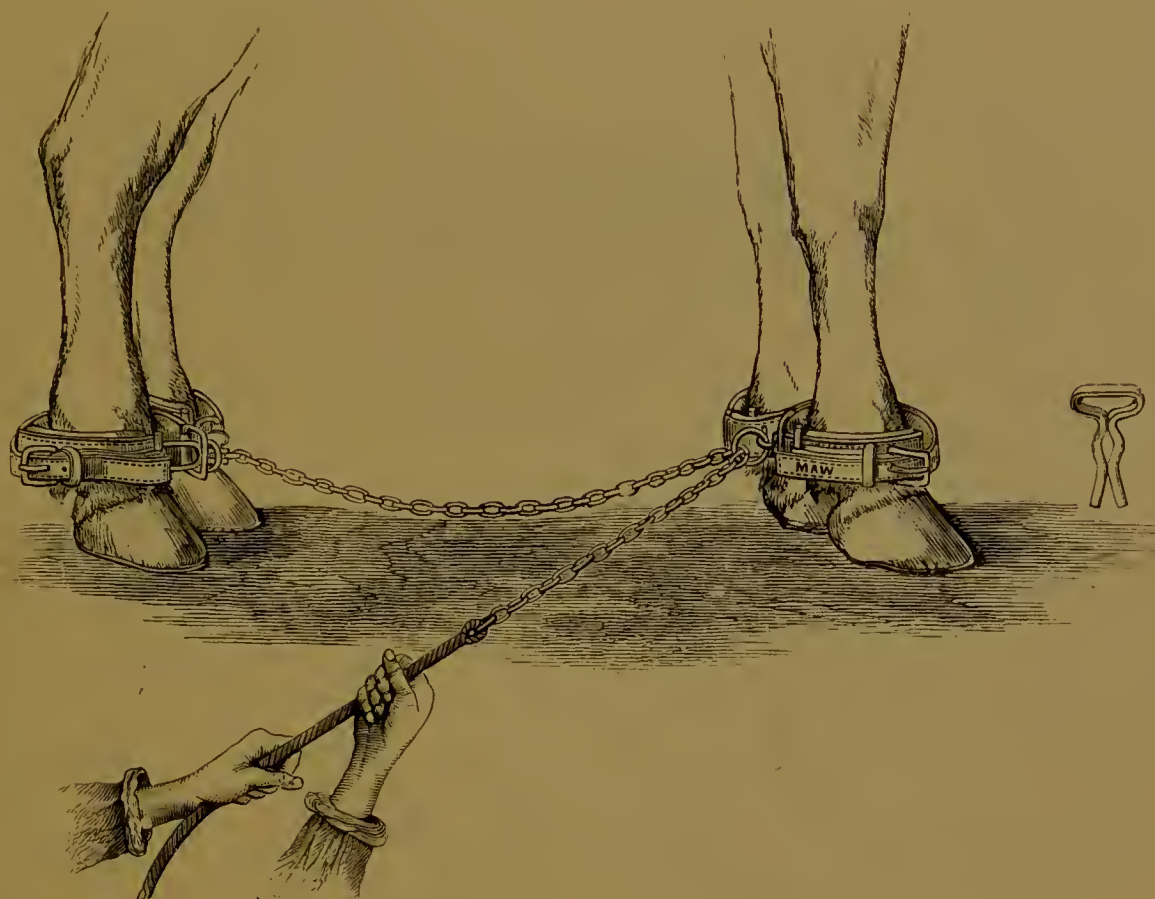
Fig. 1. FOR DEAD FOALS.

Fig. 2. FOR LIVE FOALS.

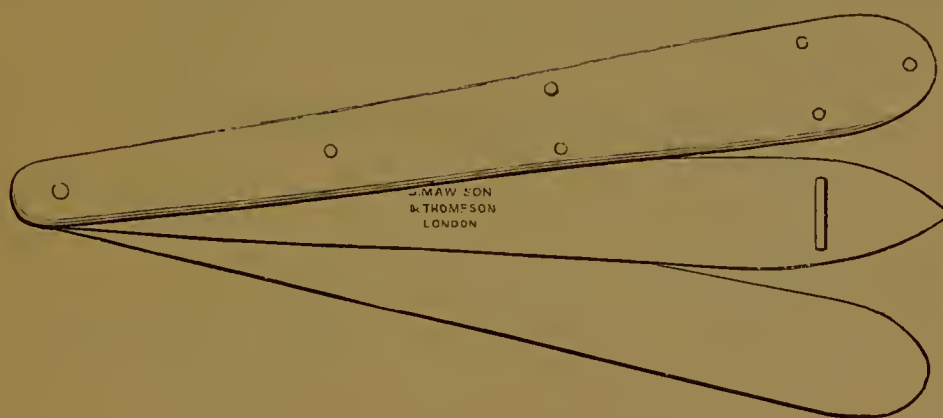
Fig. 3. GAG FOR BULLOCK OR HORSE.

Fig. 4. GAG FOR SHEEP, ETC.

HOBBLES AND SETON NEEDLE.



1

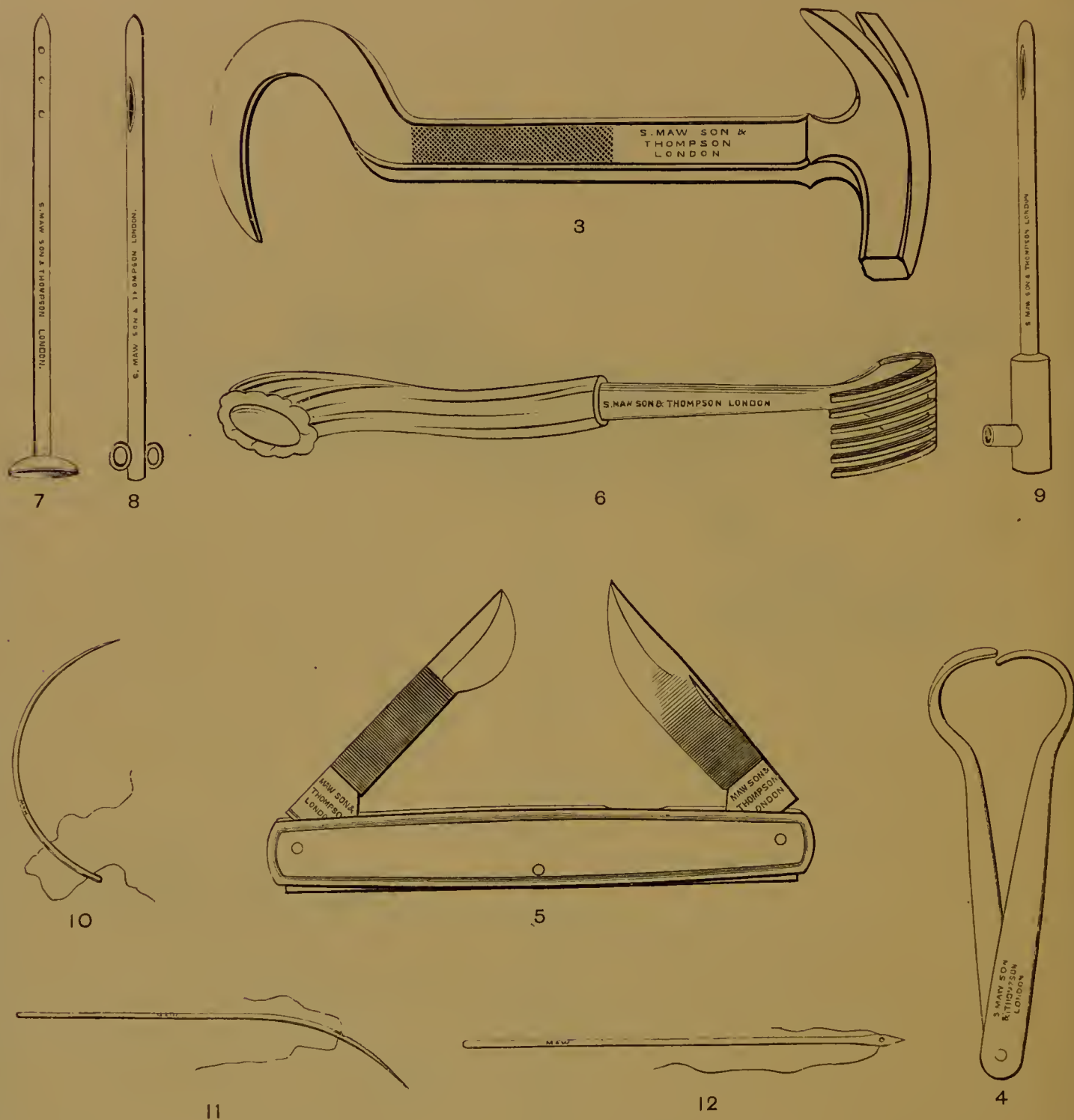


2

Fig. 1. HOBBLES FOR CASTING, WITH SWIVEL CHAIN.

Fig. 2. SETON NEEDLE, IN BUFFALO HANDLE.

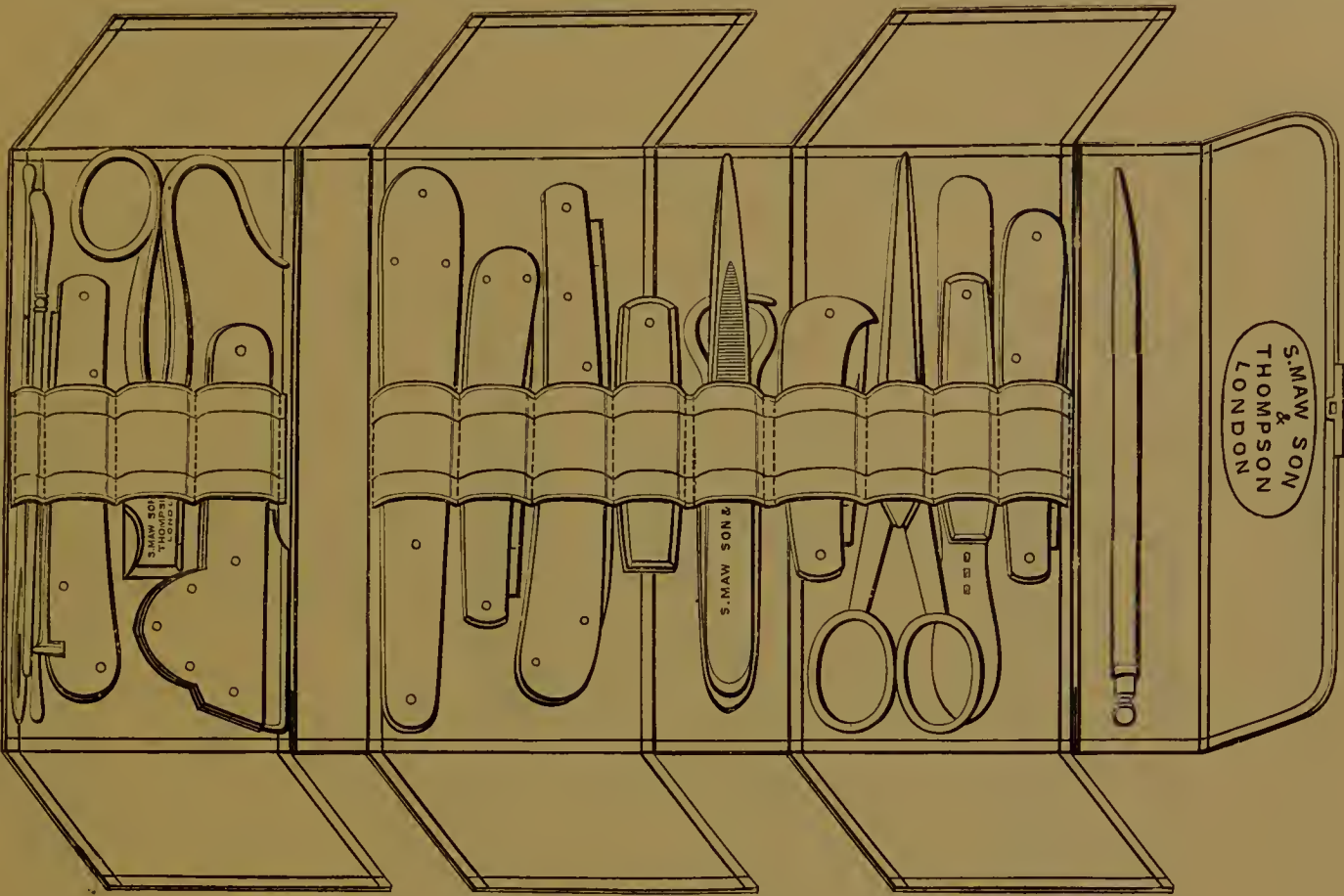
HOOK AND HAMMER, HOOK AND TENACULUM, MANE PULLER, MILKING TUBES, NICKING KNIFE, LANCET, AND NEEDLES.



- Fig. 3. HOOK AND HAMMER.
 Fig. 4. HOOK AND TENACULUM.
 Fig. 5. LANCET AND NICKING KNIFE.
 Fig. 6. MANE PULLER.
 Fig. 7. } MILKING TUBES.
 Fig. 8. }

- Fig. 9. MILKING TUBE.
 Fig. 10. SUTURE NEEDLE, CURVED, TWO EYES.
 Fig. 11. SUTURE NEEDLE, HALF-CURVED, EYE AT POINT.
 Fig. 12. SUTURE NEEDLE, STRAIGHT, EYE AT POINT.

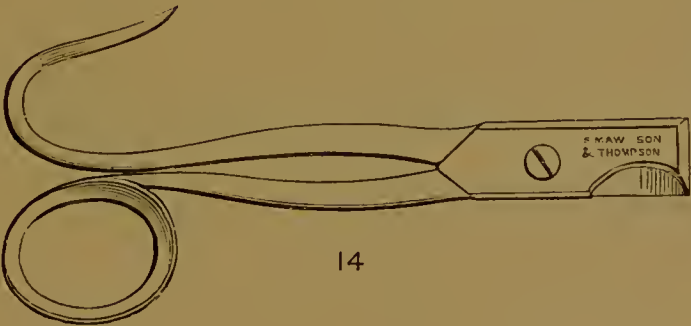
POCKET DRESSING CASE, ROWELLING BISTOURY, AND PROBE.



13



15



14

Fig. 13. DRESSING CASE.—CONTAINS : SCALPEL, ABSCESS LANCET, BLEEDING LANCET, SPATULA, SCISSORS, CASTRATING KNIFE, FORCEPS, HOOK AND TENACULUM BISTOURY, NICKING KNIFE, SETON NEEDLE, FLEAM, ROWELLING BISTOURY, DRAWING KNIFE, TWO PROBES, DIRECTOR, NEEDLES.

Fig. 14. ROWELLING BISTOURY.

Fig. 15. PROBE.

POCKET DRESSING CASE, DIRECTORS, AND EXPLORING NEEDLE.

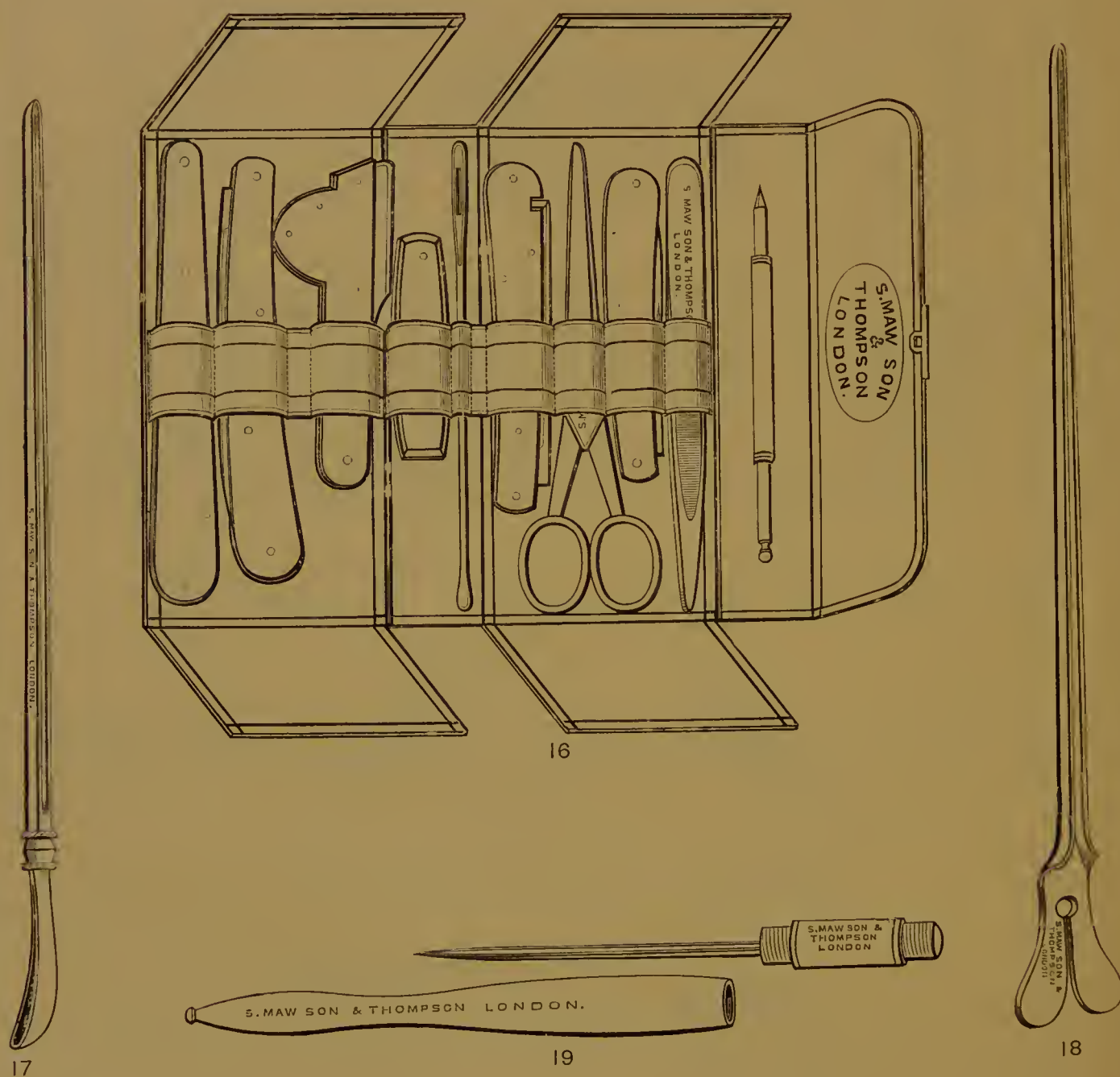


Fig. 16. DRESSING CASE.—CONTAINS: FORCEPS, FLEAM, SCALPEL, SCISSORS, DRAWING KNIFE, PROBE, LANCET, BISTOURY, SETON NEEDLE, SUTURE NEEDLES.

Fig. 17. DIRECTOR.

Fig. 18. DIRECTOR, WITH GUARD.

Fig. 19. EXPLORING NEEDLE.

PROBANGS.

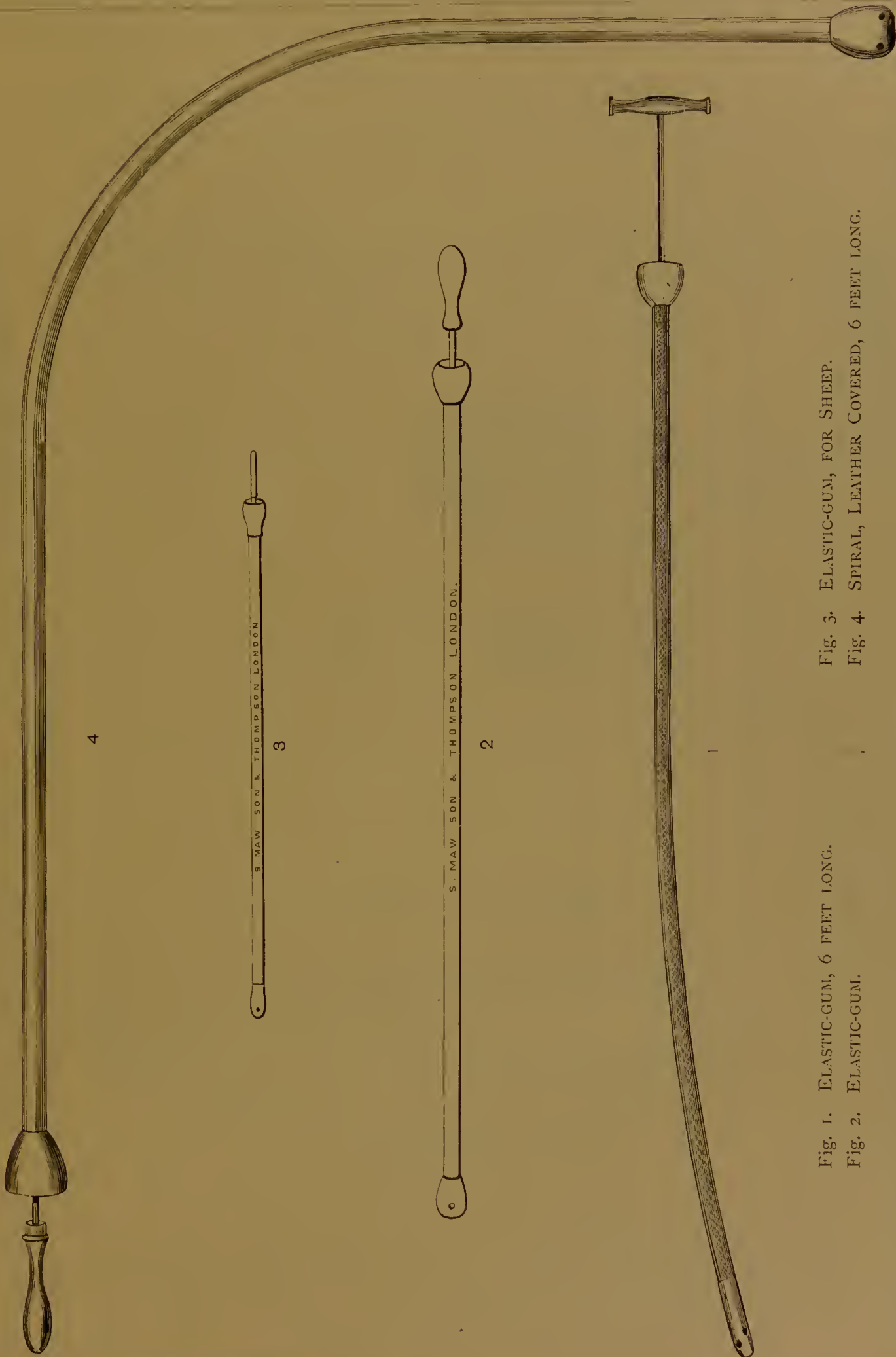


Fig. 1. ELASTIC-GUM, 6 FEET LONG.

Fig. 2. ELASTIC-GUM.

Fig. 3. ELASTIC-GUM, FOR SHEEP.

Fig. 4. SPIRAL, LEATHER COVERED, 6 FEET LONG.

QUITTOR SYRINGES, RASPS, AND RING PUNCH.

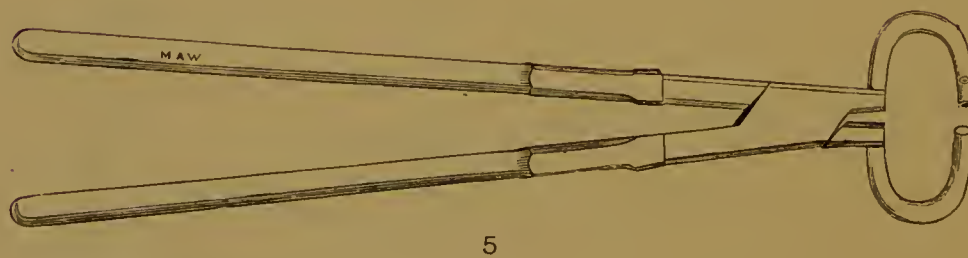
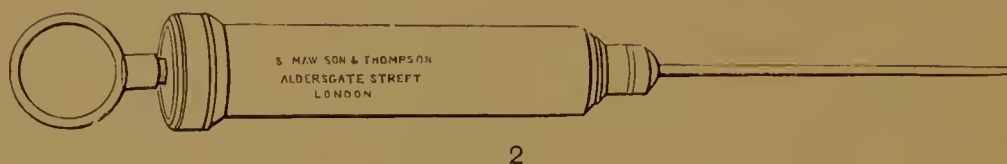


Fig. 1. QUITTOR SYRINGE, BRASS.
 Fig. 2. QUITTOR SYRINGE, PEWTER.
 Fig. 3. RASP, GUARDED.

Fig. 4. RASP, PLAIN.
 Fig. 5. RING NOSE PUNCH, FOR BULLS.

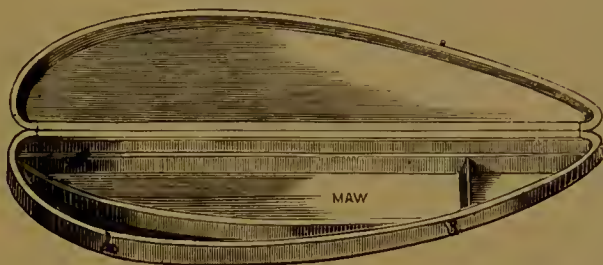
CUTTING HOOK AND SETON NEEDLES.



8



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Fig. 6. CUTTING HOOK.
Fig. 7. SETON NEEDLE, CURVED.
Fig. 8. SETON NEEDLE, STRAIGHT.

Figs. 9 } THE SET OF THREE SETON NEEDLES,
10 12. } WITH HANDLE, IN CASE.

SINGEING LAMPS.

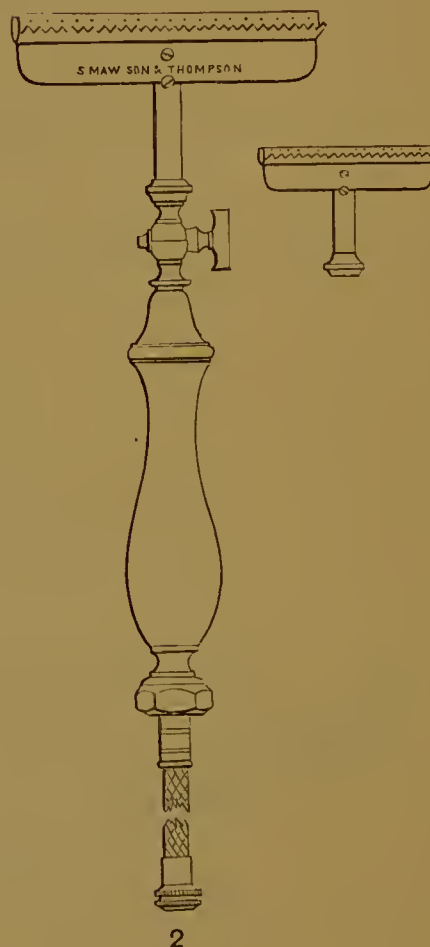
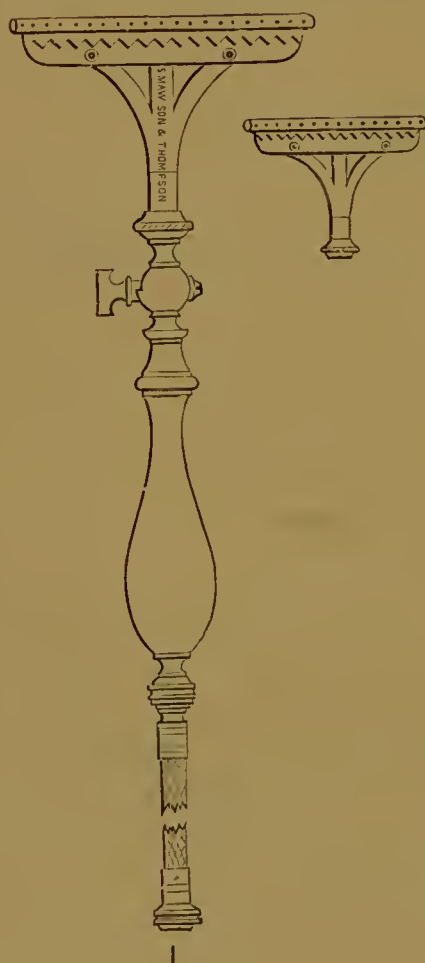
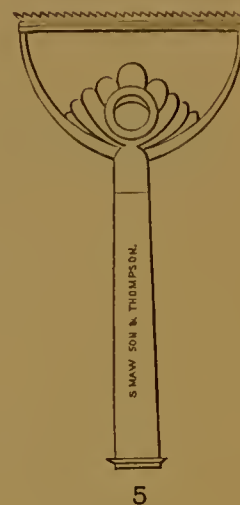


Fig. 1. GAS SINGEING LAMP, BALL AND SOCKET JOINT.

Fig. 2. GAS SINGEING LAMP, BALL AND SOCKET JOINT.

Fig. 3. NAPHTHA SINGEING LAMP, PLAIN JOINT.

Fig. 4. NAPHTHA SINGEING LAMP, PLAIN JOINT.

Fig. 5. NAPHTHA SINGEING LAMP, PLAIN JOINT.

SINGEING LAMPS (Continued).

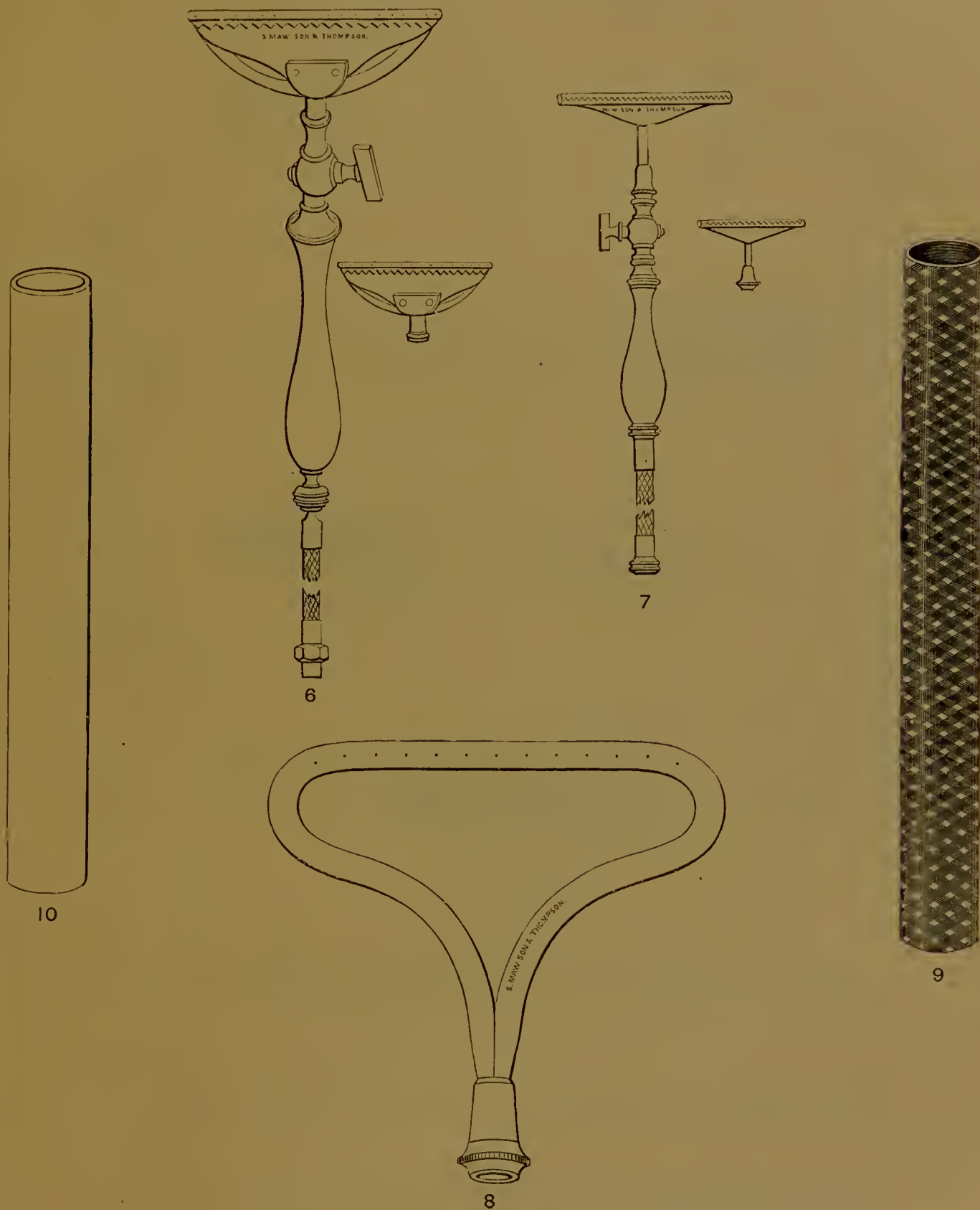


Fig. 6. GAS SINGEING LAMP, BALL AND SOCKET JOINT.

Fig. 7. GAS SINGEING LAMP, PLAIN JOINT.

Fig. 8. GAS SINGEING LAMP, PLAIN JOINT.

Fig. 9. TUBE FOR SINGEING LAMPS, ELASTIC-GUM.

Fig. 10. TUBE FOR SINGEING LAMPS, VULCANIZED RUBBER.

STURDY INSTRUMENTS AND SPAYING KNIVES.

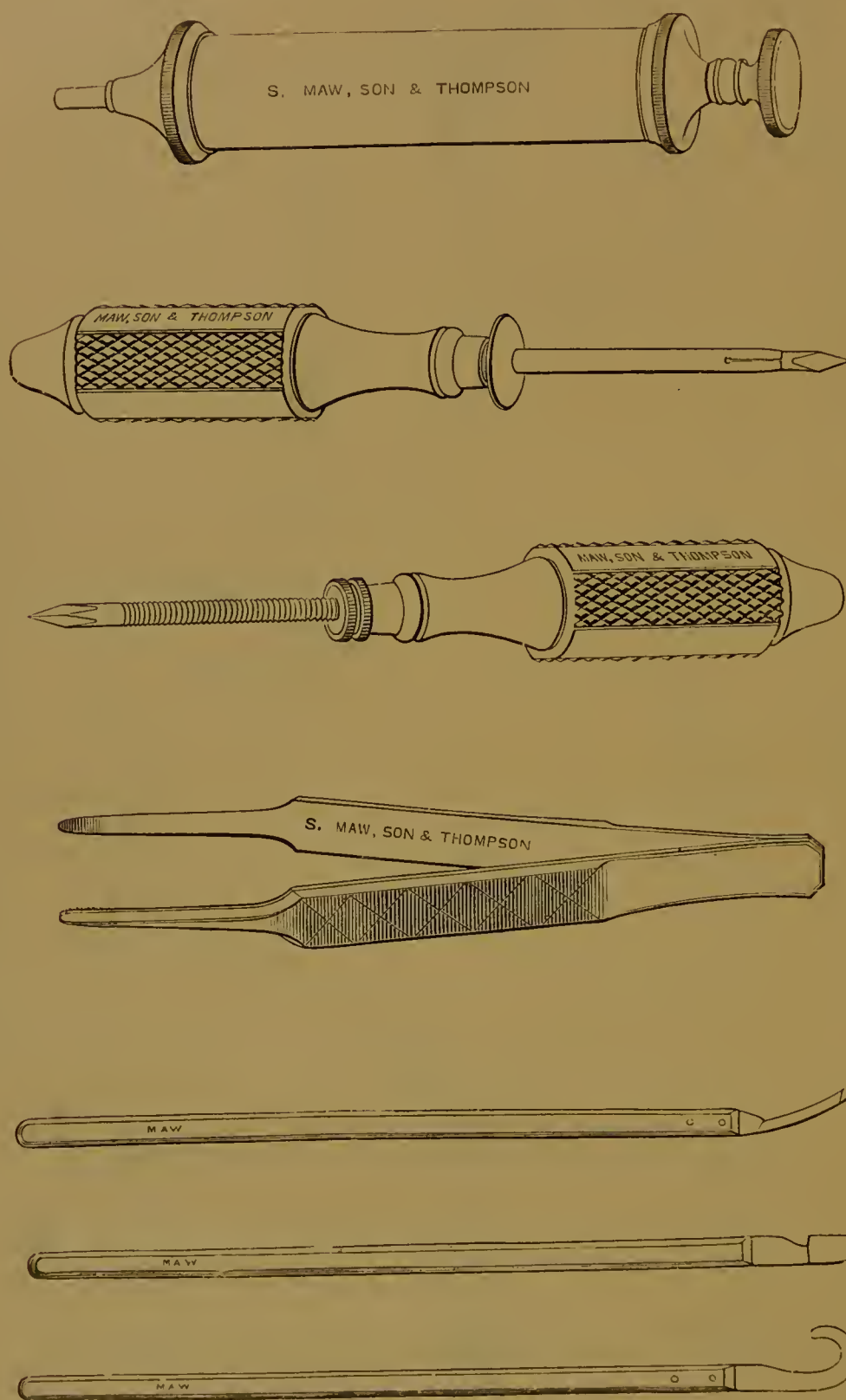


Fig. 11. STURDY INSTRUMENTS FOR SHEEP.

Fig. 12. SPAYING KNIVES, FOR HEIFERS.

STETHOSCOPES AND SYRINGES FOR SUBCUTANEOUS INJECTIONS.

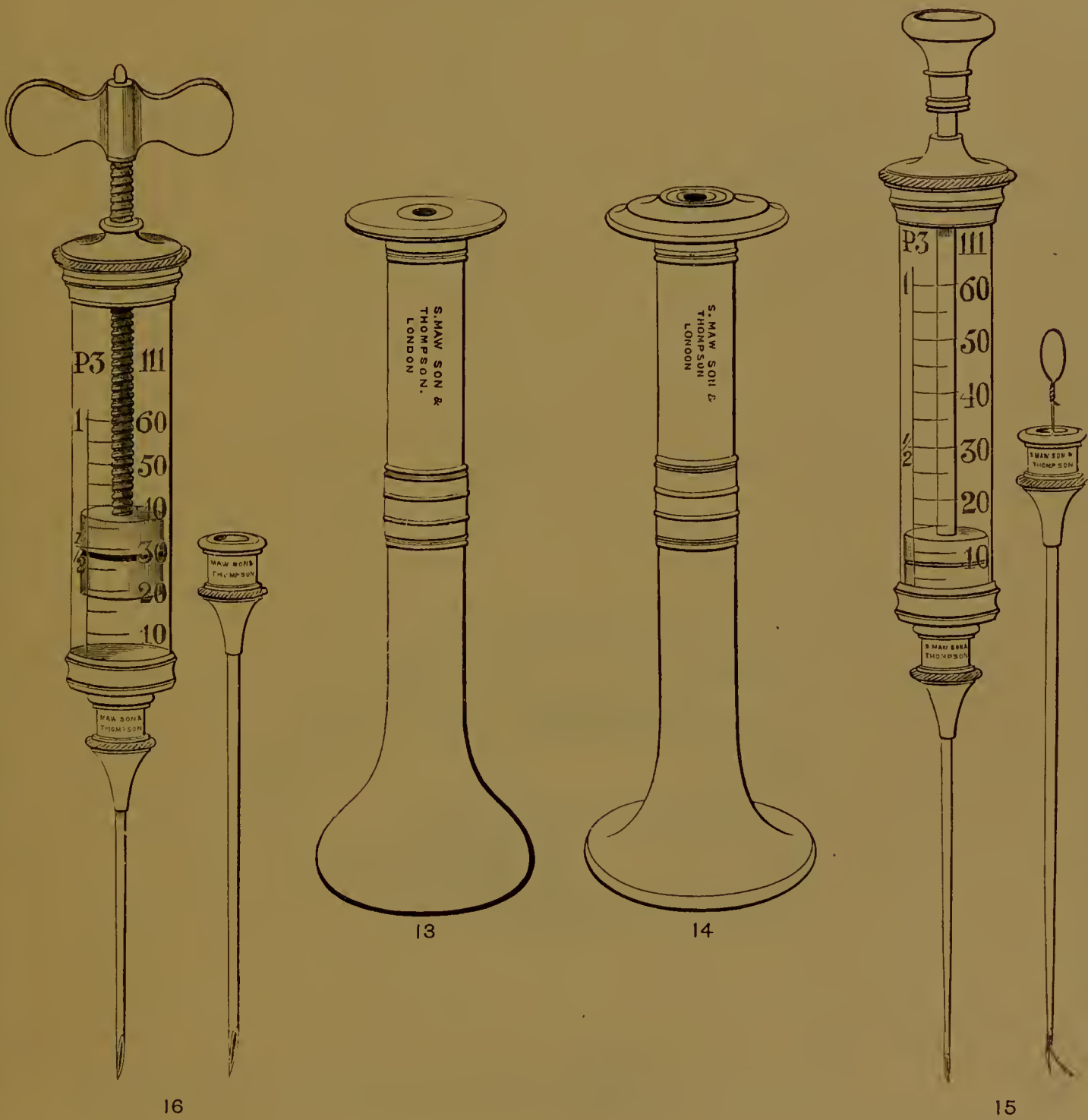
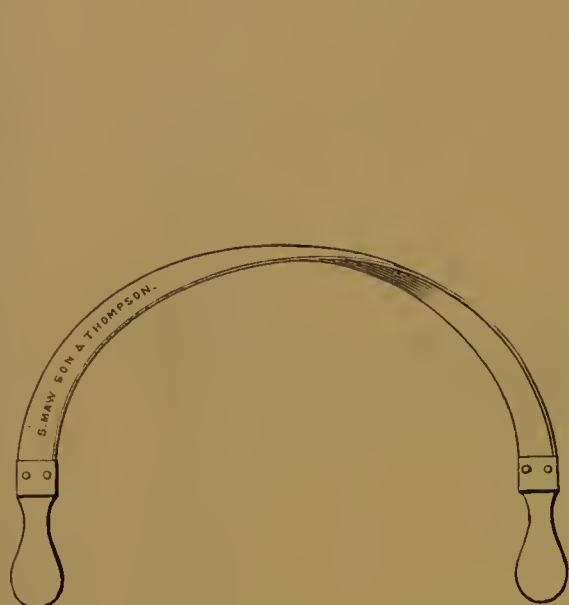


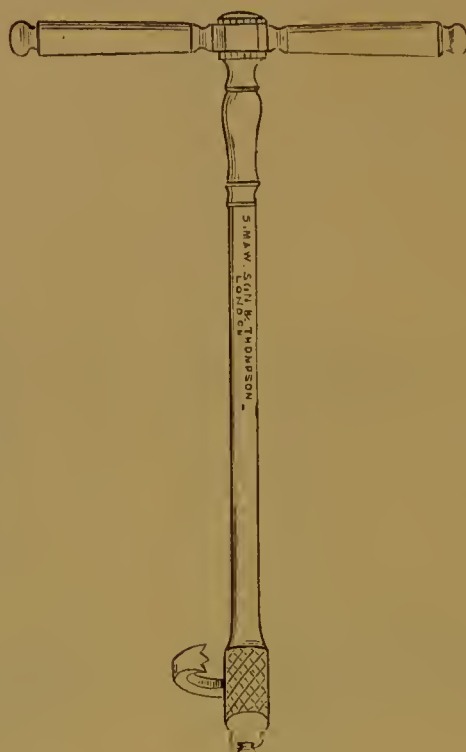
Fig. 13. STETHOSCOPE, CEDAR.
Fig. 14. STETHOSCOPE, CEDAR AND EBONY.

Fig. 15. SYRINGE, WITH SLIDE PISTON.
Fig. 16. SYRINGE, WITH SCREW PISTON.

SWEAT SCRAPERS, THOROUGH PIN TRUSS, TOOTH KEY, AND TROCAR.



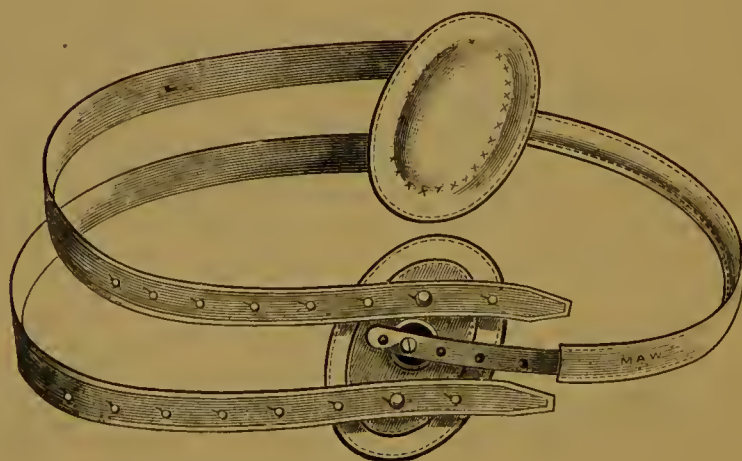
18



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21



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Fig. 17. SWEAT SCRAPER, FIXED HANDLE.

Fig. 18. SWEAT SCRAPER.

Fig. 19. TOOTH KEY.

Fig. 20. TROCAR, WITH GERMAN SILVER CANULA.

Fig. 21. TRUSS, THOROUGH PIN.

INDEX.

A	PAGE
Abbott's Ear Forceps ...	404
Abdomen :—	
Bandages ...	297, 298
Trocars ...	319
Abduction Splint, Sayre's ...	270
Abernethy's Ear Syringe ...	96
Abscess Knife :—	
Bauden's ...	117
Paget's ...	45
Syme's ...	45, 117
Abscess :—	
Knife and Aneurism Needle ...	56
Knife and Gum Lancet ...	56
Knife and Scalpel ...	57
Knives ...	56
Knives, Veterinary ...	413
Lancet ...	56
Accessories for :—	
Microscopes ...	365—367
Paquelin's Thermo-Cautery ...	400
Accouchement Bandage ...	298
Acid Bottle and Case ...	373
Acorn Bougie ...	161
A Coudée Catheters ...	162
Adams' :—	
Eye Knives ...	75
Eyelid Retractor ...	86
Tenotomy Knives ...	46
Adjuster, Suture ...	239
Air :—	
Bellows ...	304
Cushions ...	302
Mattresses ...	304
Pillows ...	302
Swimming Belt ...	302
Alexander's Test Cases ...	374
Allen's, P., Ear Syringe ...	96
Allen's :—	
Hot-air Bath ...	394
Kettle for Croup ...	402
Vapour Bath ...	394
Allingham's :—	
Director ...	202
Ointment Tube ...	206
Speculum ...	204
Aluminium :—	
Probes ...	125
Sounds ...	125
American Tooth Forceps ...	144, 145
Amesbury's :—	
Femur Splint ...	279
Patella Splint ...	276
Amputation :—	
Cases ...	3—29
Instruments ...	3—29
Knives ...	30
Saws ...	31

	PAGE
Anasarca Trocar, Southey's ...	321
Anæsthetic Inhalers ...	392, 393
Anatomical Syringes ...	377
Anel's :—	
Probes ...	78
Syringe ...	78
Aneurism :—	
Needle ...	45
Needle and Tenaculum ...	55
Tourniquets ...	34
Angular Sound ...	217
Ankle Splint, Thomas' ...	272
Anklet, Elastic ...	305
Antiseptic :—	
Apparatus ...	387
Inhalers ...	407, 408
Appliances for :—	
Arm Sockets ...	284
Dislocated Knee ...	287
Fractured Jaw ...	287
Fractured Nose ...	287
Infantile Paralysis ...	287
Refractory Patients ...	401
Spine Disease ...	290, 291—293
Talipes ...	270, 287—292
Wry Neck ...	291—293
Arm :—	
Slings ...	273
Splints ...	274, 275
Armlet, Elastic ...	305
Army :—	
Panniers ...	24, 25
Regulation Instruments ...	9, 11, 80
Artery Forceps ...	32
Artificial :—	
Arms ...	284
Feet ...	285, 286
Hands ...	284
Legs ...	285, 286
Pupil Knife ...	75
Ascites Trocar ...	322
Asher's Circumcision Clamp ...	405
Aspirators ...	315—318
Assalini's :—	
Artery Forceps ...	32
Obstetric Forceps ...	258
Atthill's Canula ...	231
Austin's Pocket Inhalers ...	407
Automatic Mallet Points ...	146
Aveling's :—	
Ecraseur ...	236
Transfusion Apparatus ...	398
Awl for Cleft Palate ...	111
B	
Back Rest ...	389, 390
Bags :—	
Cold Water ...	306

	PAGE
Bags— <i>Continued.</i>	
Hot Water ...	303—306
Obstetric ...	250—253
Balling Instruments ...	412
Ball Staff Bougie ...	161
Bandage :—	
Machines ...	383
Shears, Seutin's ...	388
Bandages :—	
Abdomen ...	297, 298
Dislocation ...	265
Para-rubber ...	301
Suspensory ...	299, 300
Barclay's Obstetric Forceps ...	258
Barnes' :—	
Craniotomy Forceps ...	257
Instrument to Facilitate the	
Application of Cotton Wool ...	232
Nitrate of Silver Cautery ...	230
Obstetric Bag ...	252
Obstetric Forceps ...	258
Obstetric Forceps with Mor-	
gan's Tractors ...	258
Ointment Positor ...	230
Pessary ...	243
Speculum ...	211
Tent Carrier ...	224
Uterus Sound ...	217
Barron's Stethoscope ...	370
Basins, Surgery ...	388
Baths :—	
Bed ...	389
Calomel ...	394
Hot-air ...	394
Sponge ...	389
Vapour ...	394
Battery, Galvanic Cautery ...	354
Bauden's Abscess Knife ...	117
Beale's Test Case ...	373
Beatty's Obstetric Forceps ...	259
Bed :—	
Bath ...	389
Clothes Frames ...	282
Lift, Improved ...	402
Sheets ...	304
Tables ...	390
Urinals ...	312
Bell's :—	
Elevator ...	143
Scalers ...	151
Stoppers ...	151
Bellied Ovary Bougie ...	161
Belloc's Canula ...	97
Bellows for Inflating Air Cushions,	
&c. ...	304
Belts :—	
Prolapse of Rectum ...	301
Prolapse of Uterus ...	301

	PAGE		PAGE		PAGE
Chambers' Stems	222	Coleman's Gag	111	Cusco's :—	
Chamois Leather Suspender ...	299	Coles' Trusses	308, 309	Speculum	211
Channels, Ear	98	Colin's :—		Throat Forceps,	120
Chapman's Ice Bag	306	Endoscope	196	Cushions :—	
Chassaignac's Ecraseurs... 236,	237	Gag	123	Air	302
Chest :—		Nose Dilator	103	Spine	304
Expanders	267	Steam Spray	397	Water	303
Ice Bag	306	Transfusion Apparatus ...	398	Cutter's Pessaries	243, 244, 249
Measure	372	Colles' Radius Splint	275	Cutting Hook	431
Chiari's Porte-Cautique	230	Cômes' Lithotome	178	Cystotomes	74
Children's Rectum Syringes ...	339	Concave Blade Scissors, Uterus	227		
Chisels :—		Condenser, Stage	366	D	
Necrosis	50	Condensing Lamp	93	Dalrymple's Cataract Needle ...	76
Post-mortem	383	Conical :—		Dark Wells for Microscope ...	367
Resection	50	Bougies	161	Davis' :—	
Slide, Veterinary	418	Catheters	162	Craniotomy Forceps	256
Churchill's :—		Constant :—		Hernia Instrument	47
Craniotomy Forceps	256	and Induced Current Bat-		Speculums	216
Obstetric Forceps	259	teries	345, 349, 351	Dawson's Caustic Catheter ...	168
Cilia Forceps	79	Current Batteries	345—352	Day and Night Urinal	311
Circular :—		Consulting Room Laboratory,		Day Urinal	311
Air Cushion... ..	302	Dobell's	374	Decapitating Hooks	257
Air Pillow	302	Contracted Finger Splint ...	269	Deep Quill Suture Needle ...	240
Ice Bag	306	Conversation Tubes	102	Deformity Apparatus	263—294
Trusses	307—310	Cooper's Stricture Dilator ...	172	Demonstration Ophthalmoscopes	84
Civiale's :—		Cork Sole Boot	286	Denman's :—	
Lithotrite	183	Corn Instruments	61	Obstetric Forceps	259
Urethrotome	192	Cornets	102	Perforator	262
Clamps :—		Coronet, Post-mortem	382	Depressors :—	
Circumcision, Asher's	405	Cotton Suspenders	299, 300	Tongue	131
Gowland's	207	Cotton's Throat Forceps ...	120	Uterus	219
Hæmorrhoids	201	Couches for Invalids	389, 390	Desaut's Leg and Thigh Splint	278
Ovariectomy	242	Cousins' :—		Desideratum Truss	307
Clams, Veterinary	415, 416	Tourniquet	36	Desmarres' Retractors	77
Clark's :—		Vaccine Case	51	Dewar's Spray for Throat ...	134
Spray Producer	134	Cradles for Fractures	280, 281	De Wecker's Eye Scissors ...	78
Stethoscope	370	Craniotomy Forceps	256, 257	Diagnosis Sounds :—	
Clarke's :—		Crimean Splints	275	Bladder	173
Obstetric Forceps	258	Critchett's Retractor	86	Uterus	217, 218
Vagina Syringes	338, 341	Cross-action Iris Forceps ...	73	Dick's Caustic Catheter... ..	168
Clavicle Apparatus	267	Crotchet and Hooks	254	Dieulafoy's Aspirators	315, 316
Clay's :—		Croup :—		Dilators :—	
Insufflator	232	Allen's Kettle for	402	Cervix	220—223
Pessary	243	Iron Frame for Cot in cases		Colin's Nose	103
Cleft Palate Instruments	111, 112	of	402	Fraenkel's Nose	103
Clendon's Tooth Instruments ...	137—139, 143	Crowded Tooth Forceps	145	Maw's Nose... ..	103
Cline's :—		Crutch :—		Stricture	172
Arm Splints... ..	275	Lithotomy, Clover's	177	Thudichum's Nose	103
Leg Splints	275	Sticks	283	Todd's Rectum	201
Clinical Thermometers	360	Crutches	283	Trachea	126—130
Clipping :—		Cupping Instruments	41, 42	Trivalve Nose	103
Machine	416	Curette and :—		Urethra, Female	223
Scissors	417	Cystotome	74	Vagina	223
Clog, Thomas'	272	Hook	71	Director and Aneurism Needle	57
Clover's :—		Iris Knife	74	Directors :—	
Anæsthetic Inhalers	392	Curette :—		Allingham's Rectum	202
Bladder Syringe	170	Guarded	73	Brodie's Rectum	201
Coccus' Ophthalmoscope	83	Vulcanite	74	Dressing	57
Cock's Trocar	320	Recamier's	219	Guthrie's Eye	74
Coddington's Lens	367	Curettes, Thomas'	219	Key's Hernia	47
Coghill's Antiseptic Inhalers ...	407, 408	Curling's Rectum Speculum ...	206	Stanley's Hernia	47
Coghlan's Metrotome	225	Curved :—		Veterinary	428
Cold Water Bags	306	Elevator, Cleft Palate ...	112	Dislocation :—	
		Lithotomy Forceps... ..	179	Bandages	265

	PAGE
Dislocation— <i>Continued.</i>	
Knee Cap	265
Pulleys	265
Shoulder Cap	265
Dissection Instruments ...	378, 419
Dobell's :—	
Consulting Room Laboratory	374
Sediment Collector...	373
Stethoscope	370
Docking Knives	419
Double Action Fleam	423
Double :—	
Bistouries	414
Blade Urethrotome...	190
Channel Catheters ...	169, 170
Gum Lancet...	152
Nose Piece	367
Spoon	77
Trachea Hook	130
Trusses	307—309
Douches :—	
Bowman's Eye	87
Brown's Ear... ..	104
Gowlland's Rectum and	
Vagina	333
Graefe's	88
Greenway's Vagina...	334
James' Ear	97
James' Oesophageal ...	124
James' Nasal and Pharyngeal	124
Mattson's Rectum	336
Mattson's Vagina	336
Maw's Eye	87, 88
Maw's Rectum	335
Maw's Syphon	335
Palfrey's Vagina	334
Scanlon's Vagina	335
Weber's Eye	88
Douglas', Baird, Guarded Pin ...	403
Douglas', J. R. A., Vein Brooch	
and Tourniquet	403
Drainage Tubes	388
Draper's Obstetric Forceps ...	259
Drawing Knives	413, 419
Dressing Instruments	53—69
Dressing Instruments, Veterinary	
... ..	427, 428
Drills, Tooth	146, 151, 152
Driving Hook for Artificial Arm	284
Druitt's Tooth Instruments	137, 139
Duchenne's Instrument for	
Writers' Spasm	294
Dudgeon's Sphygmograph ...	406
Duffin's Pessary	244
Dupré's Surface Thermometers...	403
Dupuytren's :—	
Lithotome	178
Splint	276
Durham's Tracheotomy Canula	
and Pilot, "Lobster Tail" ...	129
E	
Ear :—	
Channels	98
Douches	96

	PAGE
Ear— <i>Continued.</i>	
Forceps	94, 95
Forceps, Abbott's	404
Rheophore	356
Syringes	96, 339, 341
Trough	104
Ear and Nose Instruments	89—104
Earle's Pelvimeter	255
Ebonite Stethoscope	370
Ebony-mounted Needle Holder	238
Ecraseurs :—	
Ear	103
Uterus	236, 237
Elastic :—	
Anklet	305
Armlet	305
Bandages	297, 298
Knee Cap	305
Knee Legging	305
Knee Stocking	305
Legging	305
Stocking	305
Thigh Knee Cap	305
Thigh Legging	305
Thigh Piece	305
Thigh Stocking	305
Wristlet	305
Elastic Gum :—	
Bougies	161
Canula and Syringe, Guyon's	194
Catheters	162
Double Channel Catheter ...	169
Oesophagus Bougies	124
Probangs	429
Rectum Tubes	337
Stomach Tubes	342
Trusses	307
Vagina Tubes	337
Elbow Splints :—	
Bonnet's	275
Winchester's... ..	274
Elbow, Splint for Excision of :—	
Heath's	268
Mason's	268
Maw's	268
Electro-plated Anatomical	
Syringe	377
Electro-Magnetic Machine ...	355
Electrolysis Needles	353
Elevators :—	
Necrosis	49
Tooth	143
Elliottson's Stethoscope... ..	370
Ellis' Clavicle Apparatus ...	267
Embryotomy Instruments	411, 420
Enamel Cutters	149
Endoscopes	196, 197
Enema Apparatus	325—342
Entomologists' Instruments ...	359
Erichsen's :—	
Caustic Catheter	168
Lithotomy Knife	178
Lithotomy Scoop	179
Evacuation Apparatus, Bigelow's	180

	PAGE
Excavators, Tooth	150
Excising Forceps, Tooth	143, 145
Excision Apparatus	268
Expanders, Chest	267
Expanding Canulas, Trache-	
otomy	127—129
Exploring :—	
Needle	57
Needle, Veterinary	428
Trocars	57, 319, 320
Extension and Abduction Splint,	
Sayre's	270
Extension Splints :—	
Maw's	268
Sieveking's	404
Stokes'	268
Extractors :—	
Bullet	33
Gun Shot	33
Extroversion of Bladder, Urinal for	312
Eye :—	
Douches	87, 88
Instruments	73—88
Instruments, Cases of	80, 81
Rheophore	355
Syphons	88
F	
Fæces and Urine Appliance ...	312
Female :—	
and Male Catheters Combined	57
Catheters	166
Staff	176
Urinals	311, 312
Femoral Trusses	309
Fenestrated Speculums	211, 216
Fergusson's :—	
Leg and Thigh Splint	279
Lithotomy Knife	178
Lithotrite	184
Rectum Speculums... ..	206
Splint for Fractured Patella	273
Stethoscope	370
Field Operation Cases	5, 23
File for Corns	61
Fillet	257
Fine Hook for Fixing Uterus ...	219
Finger Splints	269, 274, 275
Firing Irons	422
Fistula :—	
Clamp	201
Vesico-Vaginal, Instruments	
for	239, 240
Fixing Hook	74
Flat :—	
Bulb Urinometer	373
Tracheotomy Canulas	127—129
Fleams	423
Flexible Caustic Catheter ...	231
Foal Hooks	424
Follin's Demonstration Ophthal-	
moscope	84
Foot :—	
Articulated	384

	PAGE
Foot— <i>Continued.</i>	
Rest	267
Rheophore	356
Sling	267
Splint for Extension ...	270
Splint for Talipes Valgus...	270
Splint for Talipes Varus ...	270
Foreeps :—	
Application of Wool, for ...	94
Artery	32
Botanists'	359
Broad Points	46
Bullet	33
Canula	73
Cilia	79
Cleft Palate	111
Coneave Blades	229
Dilating Os and Cervix	
Uteri, for	221
Dissection	378
Dressing	58
Ear	94
Entomologists'	359
Entropium	79
Fergusson's	48
Fistula	201, 202
Gouge	48, 50
Hæmorrhoids	201, 202
Hare Lip	122
Horse	418
Iris	73, 79
Lever Ring, Toynbee's ...	95
Lion	48
Lithotomy	179
Mason's, F.	112
Neerosis	48
Ovum	254, 255, 257
Phymosis, Ricord's... ..	171
Polypus, Ear	94
Polypus, Uterus... ..	233, 235
Post-mortem... ..	382
Resection	48, 50
Savage's	229
Serrated Ends	229
Serrated Points	46
Skull	50
Speculum, to use with ...	229
Spring Handle	229
Stage	366
Tenaculum Points... ..	46
Tent	224
Thomas', L.	95
Throat	120, 121
Tooth	137—145
Torsion	32, 58
Urethra	195
Uterus	229
Uvula	119
Vesico-Vaginal Fistula, for,	
Thomas'	240
Wool or Sponge, for ...	229
Fork, Suture, for Vesico-Vaginal	
Fistula	239
Forks for Artificial Arm ...	284

	PAGE
Foster's Vagina Syringe ...	335
Fox's Tooth Keys	142
Fraeture :—	
Apparatus	265—294
Appliance, Jaw	287
Appliance, Nose	287
Cradles	280, 281
Splints, Patella	273
Fraenkel's Nose Dilator ...	103
Frames for Bedclothes ...	282
Fräntzel's Trocar	318
Frog Plate	367
Frontal Band and Mirror ...	93
Fulcrum for Vesico-Vaginal	
Fistula	239
Fumigator, Tobacco	420
Funis Tube	255
G	
Gags :—	
Colin's	123
Coleman's	111
Smith's, T.	123
Veterinary	424
Vuleanite	123
Gaiffe's Galvanic Batteries	349, 351
Galabin's :—	
Obstetric Foreeps	259
Pessaries	245
Galvanic :—	
Batteries	345—356
Stems, Simpson's	222
Gardiner Brown's :—	
Air Douche	104
Aural Mirror	104
Breath Intereceptor	104
Ear Trough	104
Hook for Fixing	104
Gariel's Pessaries	244
Gauge for Bougies and Catheters	165
General Diagnosis Instruments,	
... ..	359—374
Gibbs' Throat Syringe	115
Gilt Wire Drainage Tube ...	388
Glass :—	
Inhaler	132
Rod for Acids	101, 231
Tooth Mirrors	153
Vessel and Catheter for In-	
jecting the Bladder	171
Globular Pessaries	244, 245
Godson's Tent Carrier	224
Golding Bird's Suspension Ap-	
paratus	269
Gooch's Lined Splints	275
Goodwin's Balling Instrument...	412
Gordon's :—	
Splint	275
Tooth Instruments	137
Gouge Foreeps	48, 50
Gouges, Resection	50
Gouley's Tunnelled Catheter ...	165
Gowlland's :—	
Clamps	207

	PAGE
Gowlland's— <i>Continued.</i>	
Director	202
Speculums	204, 205
Syphon Douche	333
Graefe's :—	
Eye Syphon... ..	83
Retractor	86
Greenhalgh's :—	
Metrotome	225
Obstetric Foreeps	260
Perforator	262
Pessaries	245
Uterus Dilator	220
Uterus Stem	222
Greenslade's Fracture Cradle ...	281
Greenway's :—	
Bed Clothes Frame	282
Fracture Cradles	280
Ophthalmoscope	83
Syphon Douche	334
Gristock's Scissors for Incising	227
Groom's Sponge Bath	389
Grooved :—	
Staffs	176
Trachea Hooks	130
Gruber's :—	
Ear Speculum	92
Tympanum Knife	101
Guarded :—	
Pin, Baird Douglas'	403
Rasp	430
Tumour Syringe	117
Guillotine	118
Gum Laneets	152
Gunshot Instruments	33
Guthrie's Director	74
Guyon's Elastic Canula and	
Syringe	194
H	
Hæmorrhoid Clamps	201
Hall Davis' Craniotomy Foreeps	256
Hamilton's Vagina Syringe ...	341
Hammer, Post-mortem	383
Hand :—	
Articulated	384
Artificial	284
Lens	367
Splints	274, 275
Hare Lip :—	
Foreeps	122
Pins	122
Scissors	122
Truss	122
Hearing Apparatus	102
Heath's Splint for Excision of	
Elbow	268
Helmet-shape Ice Bag	306
Henriette's Tracheotomy Canula	127
Hernia Instruments	47, 406
Hewitt's :—	
Obstetric Foreeps	260
Pessaries	245, 246
Speculum	211

	PAGE		PAGE		PAGE
Heywood Smith's:—		Humerus Splints	274	J	
Sound	218	Hurd's Pessaries	247	James', Prosser:—	
Sound and Curette	218	Hutchinson's:—		Laryngeal Sickles	116
Hicks':—		Clamp	242	Laryngoscope	108
Cephalotribe... ..	254	Prostate Catheter	171	Esophageal Bougies	124
Ecraseurs	236, 237	Staff	176	Esophageal Douche	124
Higginson's Enema Apparatus... ..	329	Hydrocele:—		Spray Producer	134
Hilliard's Speculum	215	Syringe	171	Tonsil Sickles	117
Hime's, Whiteside:—		Trocars	171, 194, 319	Jean Suspensory Bandage	299
Gravitation Transfusion Ap- paratus	405	Hydrostatic Bags, Barnes'	220	Junker's Anæsthetic Inhaler	393
Trocars for Evacuation and Injection	405			Jury Mast for Pott's Disease	269
Hinged:—		I		K	
Arm Splints... ..	274	Illumination Lamp	388	Kachimura's Trocar	321
Tongue Depressors	131	Impression Trays	154—158	Kennedy's Enema Apparatus	331
Hip Splints	268—272	Improved:—		Kettle for Croup	402
Hobbs for Casting	425	Bed Lift	402	Kettles, Throat	133
Hodge's Pessaries	247	Lithotrites	183, 184	Keys:—	
Holder, Mineral	365	Reservoir Enemas	330	Fox's Tooth	142
Hollow Sound	173	Incisor Forceps 133—140, 144, 145		Hernia Director	47
Holmes':—		India-rubber:—		Kidd's Cephalotribe	254
Craniotomy Forceps	256	Air Cushions	302	Knee:—	
Perforator	262	Bandage	301	Caps	305
Holt's:—		Cushions	303	Legging	305
Retentive Catheter	163	Drainage Tube	388	Splints	263, 272, 276
Stricture Dilator	172	Enema Apparatus 329, 331, 332		Stockings	305
Hook and:—		Hot Water Bags	303, 306	Knife, Abscess, and:—	
Curette	74	Ice Bags	306	Aneurism Needle	56
Hammer	426	Mattress, Air	304	Gum Lancet	56
Scoop	95	Mattresses, Water	303	Scalpel	57
Hooks:—		Pillows, Air... ..	302	Knives:—	
and Crotchets	254	Syringes	338—340	Abscess	45, 56
Artificial Arm	284	Induced Current Batteries, 349, 352, 353		Abscess, Veterinary	413
Blunt	255	Inflator and Syringe	194	Adams'	75
Botanists'	359	Inglis' Obstetric Forceps	260	Amputation	30
Brown's	104	Inguinal:—		Artificial Arm	284
Decapitating... ..	257	Ice Bag	306	Artificial Pupil	75
Entomologists'	359	Trusses	307, 308	Botanists'	359
Fine, Oldham's	255	Inhalers:—		Brain	382
Fixing	74	Anæsthetic	392, 393	Canaliculus	75
Foal, Veterinary	424	Mouth	132, 133	Cartilage	382
Fractured Patella, Mal- gaigne's	273	Siegle's	133	Castrating	416
Pupil, and Bowman's Needle	74	Throat	132, 133	Cataract	75
Salmon's	202	Injection Syringes	338—340	Cleft Palate	111
Sharp	203	Instruments for Writers' Spasm	294	Corn	61
Strabismus	77	Insufflators:—		Docking	419
Thomas'	95	Throat	113	Drawing	413, 419
Tracheotomy	130	Uterus, Clay's	232	Entomologists'	359
Uterus	219	Interrupted:—		Gruber's	101
Horse Forceps	418	Knee Splint	276	Hernia	47
Hot:—		Leg and Thigh Splint	278	Iridectomy	75
Air Baths	394	Invalids' Couches	389, 390	Iris	74, 75
Water Bags	303, 306	Iridectomy Knives	75	Lachrymal	75, 78
How's Scalers	152	Iris:—		Nicking	413
Hughes' Stethoscope	370	Forceps	73, 79	Prout's	101
Huguier's:—		Knives	75	Punctum, Bowman's	75
Forceps	221	Iron:—		Scarifying	76
Sound	217	Bed Clothes Frames	282	Spaying	434
Hull's Uterus Truss	310	Leg Splints, Cline's	276	Valantin's	359
Human:—		Irreducible Hernia Trusses	309	Weber's	101
Bones	384	Irrigateur, Eguisier's	330	Kramer's:—	
Skeleton	384	Ivory Mounted Needle Holder	238	Ear Speculum	92
				Eustachian Catheter	100

	PAGE		PAGE		PAGE
Kristeller's Vagina Speculum ...	213	Lever's :—		Malgaigne's Hooks for Fractured	
Küchenmeister's Scissors ...	227	Craniotomy Forceps ...	256	Patella ...	273
L					
Laced :—		Decapitating Hook... ..	257	Mallet Pluggers :—	
Knee Cap	305	Obstetric Forceps	259	Butler's	147
Stocking	305	Vectis	255	Steven's	147
Lachrymal Knives	75, 78	Lieberkühn's	367	Varny's	147
Lallemand's Caustic Catheter ...	168	Liebreich's Ophthalmoscope ...	82	Mallet, Post-mortem	383
Lamp :—		Ligature :—		Marey's Sphygmograph... ..	368
and Lens	93	Silk	37	Mason's :—	
Illuminating	388	Wire	37	Cleft Palate Instruments ...	112
Lamps :—		Lister's :—		Instrument for Excision of	
Microscope	365	Catheters	167	Elbow Joint	268
Singeing	432, 433	Sound	173	Lithotomy Strap	177
Lancets :—		Spray, Hand Bellows	396	Mathew's Craniotomy Forceps...	256
Abscess	56	Spray, Steam	396	Mathieu's :—	
Abscess, Veterinary	411	Liston's :—		Guillotine	118
Bleeding	56	Amputation Knives	30	Instrument for Writers'	
Bleeding, Veterinary	414	Leg and Thigh Splint	277—279	Spasm	294
Canula	73	Lithotomy Knife	178	Mattson's :—	
Gum... ..	56, 152	Needle	45	Breast Pumps	391
Laryngeal	116, 119	Sound	173	Rectum Syphon	336
Uterus, Bennett's	231	Lithotomes	178	Vagina Syphon	336
Uvula	116	Lithotomy :—		Maunder's :—	
Langenbeck's Tourniquet	35	Cases Instruments	174, 175	Chisel for the Neck of the	
Laryngeal :—		Crutch, Clover's	177	Femur	48
Cautery Apparatus	126	Forceps	179	Spray Apparatus	134
Mirrors	109	Knives	178	Maw's :—	
Laryngoscopes	107, 108	Scoop	179	Aspirator	318
Larynx Instruments	116	Straps	177	Balling Instruments	412
Lateral Repeller	418	Tube... ..	176	Bidet... ..	389
Lawrence's :—		Lithotripsy Instruments	159—197	Domestic Enema Apparatus ...	331
Fracture Cradle	281	Little's Appliances for Talipes ...	288	Douche, for Family use	335
Retractor	86	Live :—		Ear Speculums	92
Leather Arm Slings	273	Boxes	367	Extension Apparatus	268
Leclanché's Batteries	345, 350	Trap	367	Eye Douches	87
Lee's :—		Lloyd's Bronchitis Kettle	401	Eye Syphons	88
Craniotomy Forceps	256	Lock Bit Burrs	146	Glass Chamber Enema Ap-	
Trocar for inducing Prema-		Lonsdale's Apparatus for Frac-		paratus	332
ture Labour	228	tured Patella	273	Improved Vagina Pewter	
Lee's, R. :—		Loring's Ophthalmoscope	82	Syringes	341
Steam Draft Inhaler	133	Lownd's Vectis	255	Inhalers for Throat	132
Steam Spray	397	Lownd's Spirometer	369	Instrument Cabinet for Hos-	
Leg and Thigh Splints	277—279	Luer's Needle Holder	238	pitals	29
Leg :—		Luke's Bed Clothes Frame	282	Instrument for Excision of	
Rest	389	Lumbar Ice Bag... ..	306	Elbow Joint	268
Splints	276	Lyon's Stricture Dilator	172	Kettle for the Throat	133
Support and Boots... ..	289	M			
Legs, Artificial	285, 286	Machines for Rolling Bandages ...	388	Needle Holder	238
Legging :—		McDougall's Caustic Catheter ...	168	Nose Dilator	103
and Knee Cap	305	McIntyre's Leg and Thigh Splint ...	277	Nose Douche	97
and Thigh Piece	305	Mackenzie's, Hunter, Antiseptic		Nose Syringe	97
Leggings	305	Inhaler	408	Ophthalmoscope	83
Leiter's Pipette	124	Mackenzie's, Morell :—		Pessary	248
Lens :—		Guillotine	118	Rectum Syringe	340, 341
Coddington's	367	Inhaler	132	Retractor for the Eye	86
Hand... ..	367	Laryngoscope	107	Soft Rubber Catheter	162
Pricker	74	Madden's Obstetric Forceps	260	Sphygmograph	369
Leroy d'Etiolle's Foreign Body		Magneto-Electric Machines	355	Spray Producer	134
Scoop	195	Mahomed's Sphygmograph	368	Steam Sprays	396, 397
Lever :—		Maisonneuve's Urethrotomes ...	192, 193	Stomach Pumps	342
Cleft Palate	111	Maisonneuve-Teevan's Urethro-		Tent Carriers	224
Forceps, Toynbee's	95	tonie	193	Test Stands... ..	373
		Male Urinals	311, 312	Throat Forceps	120
				Throat Syringes	115
				Tourniquets	36

	PAGE		PAGE		PAGE
Savage's:—		Scoop— <i>Continued.</i>		Skull— <i>Continued.</i>	
Metrotome	225	With Rod	195	Forceps	50
Spectulum Forceps	229	Scoop and:—		Saw... ..	50
Savory and Moore's:—		Hook, Ear	95	Slide:—	
Ear Douche	96	Screw, Ear	95	Chisel, Veterinary	418
Enema Douche	331	Scott's Chest Measure	372	Piston Syringes for Subcu-	
Saws:—		Screw Hook, for:—		taneous Injections	323, 324
Amputation	31	Application of Wool to the		Sling, Foot	267
Post-mortem	383	Uterus	405	Slings, Arm	273
Resection	49, 50	Removal of a Tampon	219	Smee's Constant Current Bat-	
Sayre's Apparatus	269—271	Scrotal Trusses	309	teries	346, 347
Scalers	148, 149, 151, 152	Sea Tangle Tents	220	Smellie's Perforators	262
Scalpels:—		Sea Tangle and Sponge Tents... ..	220	Smith's Speculum, Vagina	214
Botanists'	359	Sediment Collector, Dobell's	373	Smith's, Henry, Clamp for	
Dissection	378	Selenite Stage	366	Hæmorrhoids	201
Dressing	57	Separating Tooth Forceps	145	Smith's, Heywood:—	
Entomologists'	359	Serrefines	32	Sound	218
Hare Lip	122	Shades:—		Sound and Curette... ..	218
Minor Operation	45	Eye	78	Smith's, T.:—	
Post-mortem	382	Eye, Calkin's	78	Gag	123
Scalpel and:—		Sharp Hook, Thomas'	95	Hare Lip Forceps	122
Abscess Knife	57	Shears for Bandages	388	Needles and Canula for	
Bistoury	57	Sheep Marker	415	Staphyloraphy	110
Lamb Claws	414	Sheets for Beds	304	Needles for Staphyloraphy	110
Scanzoni's:—		Shield:—		Snare, Thomas'	95
Speculum	216	and Teat, Coles'	112	Snow's Anæsthetic Apparatus	393
Syphon Douche	335	Vaccination	388	Socket for Arm	284
Scarificators	41	Sibson's Inhaler for Anæsthesia	392	Soft Rubber Catheters	162
Scarifying Knives:—		Siegle's Inhaler	133	Sound and Syringe, Potter's	232
Eye	76	Sieveking's Extension Splint	404	Sound:—	
Uterus	228	Silk:—		Fauces	125
Uterus, Palfrey's	228	Ligature	37	Fork	93
Scarpa's Shoe for Talipes	288	Suspensory Bandages, 299, 300		Fork, Blake's	93
Schofield's Pessary	248	Silver:—		Sounds for Diagnosis:—	
Schrötter's Insufflators	113	Plate Reflector	366	Bladder	173
Sciatica Rheophore	356	Probes	33, 57	Uterus	217, 218
Scissors:—		Simpson's:—		Southey's Trocars:—	
Bowel	383	Craniotomy Forceps	256	Anasarca	321
Canula	73	Dilator for Urethra	223	Ascites	322
Cleft Palate	111	Galvanic Stems	222	Spanton's:—	
Clipping	417	Metrotome	225	Instrument for Radical Cure	
De Wecker's	78	Obstetric Forceps	260, 261	of Hernia... ..	406
Dissection	378	Perforator	262	Spiral Needle	406
Double Round Points	58	Polypome	228	Spatulas	57, 149
Dressing	58	Sound	218	Spaying Knives	434
Entomologists'	359	Speculum	215	Speculum Forceps	229
Erichsen's Throat	119	Stem Pessaries	249	Speculums:—	
Excision of Os Uteri	226, 227	Tubular Needles	240	Ear	92
Eye	73	Sims':—		Rectum	204—206
Fistula	201	Catheter	240	Vagina	211—216
Funis... ..	255	Ear Syringe... ..	96	Spencer Wells' Trocars... ..	241
Hæmorrhoids	201	Ecrascur	237	Sphygmographs	368, 369, 406
Post-mortem	383	Metrotome	225	Spine:—	
Probe Points	58	Scissors for Incising Uterus	226	Apparatus	290, 291
Salmon's Fistula	202	Sound	218	Cushion	304
Sims' Uterus	226	Speculums	212, 213	Rheophore	356
Tonsils	119	Skeleton, Articulated	384	Wrench	382
Uvula... ..	119	Skcy's Director, Hernia	47	Spiral Probang	429
Scoop:—		Skinner's:—		Splints	269, 270, 272, 273—279
Bullet... ..	33	Inhaler for Anæsthesia	392	Splitting Tooth Forceps	145
Ear	95	Pessary	248	Sponge:—	
Fergusson's	195	Skull:—		Bath	389
Leroy d'Etiole's	195	Articulated	384	Forceps	229
Urethra	195	Coronet	382	Holder, Bennett's	231

	PAGE		PAGE		PAGE
Spoon for Artificial Arm ...	284	Syphon Vagina Douches :—		Thermo-Cautery :—	
Spoons, Eye ...	77	Gowlland's ...	333	Accessories, Paquelin's ...	400
Spray Producers :—		Greenway's ...	334	Paquelin's ...	399
Carbolic Acid ...	396	Mattson's ...	336	Thermometers :—	
Ether... ...	396	Maw's ...	335	Clinical ...	360
Steam, for Carbolic Acid ...	396, 397	Palfrey's ...	334	Surface ...	403
Throat ...	134	Scanzoni's ...	335	Thigh Splints ...	277, 278
Spring Action Fleam ...	423	Syringe and :—		Thomas' :—	
Spud and Scoop... ...	78	Elastic Canula, Guyon's ...	194	Extension Apparatus ...	272
Spud, Walton's ...	77	Inflator ...	194	Splint for Oblique Fracture	
Square Air Pillow ...	302	Syringes :—		of the Tibia ...	279
Stafford's Urethrotome ...	191	Anatomical ...	377	Splints for Hip Disease ...	272
Staffs, Lithotomy ...	176	Bladder ...	170	Thomas', Llewellyn :—	
Stage :—		Dental ...	152	Forceps, Ear ...	95
Condenser ...	366	Ear ...	96	Hooks ...	95
Forceps ...	366	Embalming ...	377	Larynx Lancet ...	119
Micrometer ...	366	Enema ...	325—342	Snare... ..	95
Steam Spray Producers... ..	396, 397	Eye, Anel's ...	78	Thomas', New York :—	
Steel :—		Eye, Walton's ...	78	Curette ...	219
Cautery ...	205	Hydrocele ...	171	Depressor ...	219
Tooth Mirrors ...	153	India-rubber... ..	338, 339	Forceps for Vesico-Vaginal	
Stems, Intra-Uterus ...	222	Nose ...	97, 341	Fistula ...	240
Stethoscopes ...	370—372	Pewter ...	341	Pessaries ...	248
Stethoscopes, Veterinary ...	435	Quittor ...	430	Sims' Speculum ...	212
Stockings, Elastic ...	305	Sinus... ..	205, 341	Thompson's :—	
Stokes' Extension Splint ...	268	Subcutaneous Injections ...	323, 324	Caustic Catheter ...	168
Stomach :—		Throat ...	115	Lithotomy Knife ...	178
Pumps ...	342	Tumour, Guarded ...	117	Lithotrites ...	185, 186
Pump, Veterinary ...	420	Vagina ...	338, 339, 341	Sound ...	173
Tubes ...	342			Stricture Dilator ...	172
Stone Crushers ...	177			Trocar ...	318
Stop Needle ...	77			Thomson's Elevators ...	143
Stoppers ...	150, 151			Throat :—	
Stout :—				and Mouth Instruments ...	107—134
Leather Knee Cap... ..	265			Brushes ...	114, 115
Leather Shoulder Cap ...	265			Inhalers ...	132, 133
Strabismus Hooks ...	77			Rheophore ...	356
Straight Clamp, Gowlland's ...	207			Spray Producers ...	134
Straps, Lithotomy :—				Syringes ...	115
Mason's ...	177			Thudichum's Nose Dilator ...	103
Pritchard's ...	177			Tobacco Fumigator ...	420
Stratfield's Needle Spatula ...	77			Tobold's Laryngoscope ...	404
Stricture Dilators ...	172			Todd's Rectum Dilator... ..	201
Stump Tooth Forceps ...	138—141			Tongue :—	
Sturdy Instruments ...	434			Depressors ...	131
Styles ...	78			Forceps ...	131
Suction Syringe, Walton's ...	78			Tonsil :—	
Supports and Boots for Weak				Guillotines ...	118
Legs ...	289			Sickles, Prosser James' ...	117
Suppository Tube ...	206			Tooth :—	
Surgeons' Armamentarium ...	27			Instruments ...	137—158
Surgery Basins ...	388			Keys ...	142, 436
Suspension Apparatus ...	269, 403			Mirrors ...	153
Suspensory Bandages ...	299, 300			Torsion Forceps ...	32, 58
Suture :—				Tourniquets ...	34—36
Adjuster ...	239			Townley's Anæsthetic Inhaler ...	393
Needles ...	37, 60, 77, 78, 240			Toynbee's :—	
Twister ...	239			Ear Speculums ...	92
Sweat Scrapers ...	436			Ear Syringe ...	96
Swimming Belts ...	302			Lever Ring and Forceps ...	95
Swivel Drills ...	151			Otoscope ...	93
Symond's Tractor ...	255			Tympanums... ..	101
Syphon :—				Trachea Dilators... ..	126, 130
Eye Douches ...	88			Tracheotomy Instruments ...	126—130
Trocars ...	318—322				

	PAGE		PAGE		PAGE
Traector, R. Parker's ...	130	Urinometers ...	373	Waldenberg's Apparatus ...	369
Transfusion Apparatus ...	398, 405	Uterine Instruments ...	211—262	Waller's:—	
Travelling Urinals ...	311, 312	Uterus:—		Craniotomy Forceps ...	257
Trays, Impression ...	154—158	Hooks ...	219	Obstetric Forceps ...	261
Trelat's Urethrotome ...	192	Polypus Forceps ...	233, 235	Walsh's Stethoscope ...	371
Trephines ...	50	Probe, and Set of Eight		Walton's:—	
Tripod:—		Canulas for Dilating ...	405	Lachrymal Knife ...	75
Post-mortem... ..	382	Repositor, Sims' ..	218	Lachrymal Probes ...	78
Sayre's	271	Rheophores	355	Lachrymal Syringe... ..	78
Trivalve:—		Truss... ..	310	Nasal Duet Probe ...	77
Nose Dilator	103	Uvula:—		Reclination Needles ...	76
Speculum	214	Forceps	119	Retractor	86
Trocars ... 241, 319—322, 405, 406		Guillotines	118	Scarifying Knife	76
Trough:—		Instruments	116, 117	Spud	77
Ear	104	Scissors	119	Spud and Scoop	78
Zoophite	366	V		Suction Syringe	77
Trumpets, Hearing	102	Vaccination:—		Watch Spring Pessary ...	247
Trusses 122, 307—310, 436		Instruments	51	Water:—	
Tubes:—		Shield	388	Bags	303
Caustic, Peaslee's	230	Vacher's Obstetric Forceps ...	261	Cushions	303
Conversation	102	Vagina:—		Mattresses	303
Drainage	388	Dilators	223	Watson's:—	
Funis... ..	255	Injection Syringes... ..	338—340	Inhaler	132
Lithotomy	176	Rheophore	356	Radius Splint	275
Milking	426	Spray Syringe	336	Weak Back, Belts for ...	301
Ointment, Allingham's ...	206	Syphon, Mattson's	336	Weber's:—	
Singeing Lamp	432, 433	Syringe, Foster's	335	Eye Syphon... ..	88
Sulphate Zinc Points ...	230	Syringes, Pewter	341	Knife	101
Suppository	206	Tubes	337	Otoscope	91
Tubular Needle, Simpson's ...	240	Vagina Douches:—		Probe... ..	78
Tumour:—		Gowlland's	333	Wecker's Ophthalmoscope ...	82
Ecraseurs	236, 237	Greenway's	334	Wedges, Mouth	123
Forceps, Uterus	233, 235	Maw's	335	Wells', Spencer:—	
Hook	45	Palfrey's	334	Clamp	242
Syringe	117	Seanzoni's	335	Trocars	241
Vulsellums ... 103, 119, 234, 235		Valantin's Knife	359	Whalebone Pessary	248
Tunnelled Catheter, Gouley's ...	165	Valleix's Sound	217	Williams' Stethoscope ...	371
Tupelo Tents	220	Vapour Baths	394	Wire Ligatures	37
Türk's:—		Varnell's Balling Instrument ...	412	Wisdom Tooth Forceps, 139, 142,	
Laryngoscope	108	Varny's Mallet Pluggers ...	147	144, 145	
Tongue Depressor	131	Veetis:—		Woake's Ear Speculum... ..	92
Turner's:—		Lever's	255	Wood:—	
Ear Speculum	92	Lownd's	255	Arm Splints... ..	274, 275
Fracture Cradle	281	Symond's	255	Finger Splints	274, 275
Twister, Suture	239	Taylor's	77	Hand Splints	274, 275
U		Vein Brooch and Tourniquet ...	403	Leg Splints	276
Umbilical:—		Vernon's Plessor	370	Leg and Thigh Splints ...	278
Bands	301	Vesico-Vaginal Fistula Instru-		Wool:—	
Trusses	310	ments	239, 240	Forceps, Ear	94
Universal Splint, Wyatt's ...	276	Voltolini's Otoscope	91	Forceps, Uterus	229
Urethra:—		Von Troeltsch's Mirror... ..	93	Holder and Brushes, Throat	114
Dilators	223	Vulcanite:—		Holder, Uterus	230
Forceps	195	Caustic Holder, Uterus ...	231	Wrench, Post-mortem	382
Instruments	161, 197	Double Channel Catheter ...	169	Wristlets	305
Insufflators	113, 194	Pipette	124	Writers' Spasm Instruments ...	294
Syringes, India-rubber ...	338—340	Stethoscope	370, 371	Wry Neck Apparatus	291—293
Syringes, Pewter	341	Surgery Basins	388	Wylde's Ear Speculum	92
Syringes, Registered ...	340	Vulsellums:—		Z	
Urethrometer, Otis'	191	Ear	103	Ziegler's Obstetric Forceps ...	261
Urethrotomes	190—193	Tonsils	119	Zinc:—	
Urinals	311, 312	Uterine Polypus	234, 235	Arm Splints... ..	274, 275
Urine:—		W		Leg Splints	276
Test Cases	373, 374	Wagstaff's:—		Zoophite Trough... ..	366
Test Stands	373, 374	Catheters	167		
		Sound	173		



